

The County of Upshur
State of Texas

Bid # UP01-18
For: Gasoline and Diesel Fuel
Bid opens date/time: February 28, 2018 @ 9:00 a.m.

The enclosed *Invitation to Bid* (ITB) and accompanying *Specifications/Bidder's Response Form* are for your convenience in bidding the referenced products or services for Upshur County.

Sealed bids shall be delivered no later than:

Date/Time: February 27, 2018 @ 5:00 p.m.
Location: Upshur County Judge, 100 W. Tyler St, 3rd Floor County Courthouse, PO Box 790, Gilmer, TX 75644
Mark Envelope: Bid-UP01-18 Gasoline and Diesel Fuel

Bids must be signed by a person having the authority to bind the vendor in a contract. Bids that are not signed will be rejected. Upshur County reserves the right to waive simple informalities in this Invitation to Bid.

Please note that all bids must be received at the designated location by the deadline shown. Bids received after the deadline will not be considered for award of the contract. Bids will be opened in the Upshur County Courthouse, 100 West Tyler St., 3rd Floor, Gilmer, Texas. You are invited to attend.

Bids may be withdrawn by the bidder at any time prior to the official opening, but must be withdrawn in person. Alterations may not be made to a bid once submitted, but a new bid may be submitted if the substitution occurs before the opening time. After the official opening, bids may not be amended or altered and may not be withdrawn without the approval of the Commissioners Court.

Upshur County is aware of the time and effort expended in preparing and submitting bids to the County. Please let us know of any bid requirements which are causing you difficulty in responding to our bids. We want to make the process as easy and efficient as possible so that all responsible vendors can compete for the County's business.

Awards ordinarily will be made approximately two weeks after the bid opening date. To obtain results, or if you have any questions, please contact Andy Jordan, Upshur County Road Administrator, at 903-843-7623.

2018 FEB 28 AM 9:32
FILED
TERRI ROSS
COUNTY CLERK
UPSHUR COUNTY, TX.
DEPUTY

Bid UP01-18
Gasoline and Diesel Fuel

Implementation of House Bill 1295

Certificate of Interested Parties (Form 1295):

In 2015, the Texas Legislature adopted House Bill 1295, which added section 2252.908 of the Government Code. The law states that a governmental entity or state agency may not enter into certain contracts with a business entity unless the business entity submits a disclosure of interested parties to the governmental entity or state agency at the time the business entity submits the signed contract to the governmental entity or state agency.

The law applies (with a few exceptions) only to a contract between a business entity and a governmental entity or state agency that either (1) requires an action or vote by the governing body of the entity or agency before the contract may be signed or (2) has a value of at least \$1 million. The disclosure requirement applies to a contract entered into on or after January 1, 2016.

Changed or Amended Contracts:

Form 1295 is only required for a change made to an existing contract in certain circumstances: (1) if a Form 1295 was not filed for the existing contract, then a filing is only required if the changed contract either requires an action or vote by the governing body or the value of the changed contract is at least \$1 million; or (2) if a Form 1295 was filed for the existing contract, then another filing is only required for the changed contract if there is a change to the information disclosed in the Form 1295, the changed contract requires an action or vote by the governing body, or the value of the changed contract increases by at least \$1 million.

As required by law, the Commission adopted the Certificate of Interested Parties form (Form 1295) on October 5, 2015. The Commission also adopted rules (Chapter 46) to implement the law. The Commission does not have any additional authority to enforce or interpret section 2252.908 of the Government Code.

Filing Process:

A business entity must use the Form 1295 filing application the Commission created to enter the required information on Form 1295 and print a copy of the completed form. Once entered into the filing application, the completed form will include a unique certification number, called a "certification of filing."

An authorized agent of the business entity must sign the printed copy of the form affirming under the penalty of perjury that the completed form is true and correct.

The completed, printed, and signed Form 1295 bearing the unique certification of filing number must be filed with the governmental body or state agency with which the business entity is entering into the contract.

Acknowledgement by State Agency or Governmental Entity:

The governmental entity or state agency must acknowledge receipt of the filed Form 1295 with the certification of filing, using the Commission's filing application, not later than the 30th day after the date the governing body or state agency receives the Form 1295. The Commission will post the completed Form 1295 to its website within seven business days after the governmental entity or state agency acknowledges receipt of the form.

Additional Information:

Section 2252.908, Government Code.

Certificate of Interested Parties (Form 1295)**

****This is a sample form for illustration purposes only. DO NOT FILL OUT THIS SAMPLE FORM. Form 1295 MUST BE FILED ELECTRONICALLY! Paper copies and PDF copies of this sample form are not accepted!**

Chapter 46, Ethics Commission Rules (includes new rule 46.4, regarding changes to contracts, which went into effect on January 1, 2017)

Frequently Asked Questions

Last Revision: December 21, 2017

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

OFFICE USE ONLY

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

4 Name of Interested Party	City, State, Country (place of business)	Nature of Interest (check applicable)	
		Controlling	Intermediary
Must file online at			
www.ethics.state.tx.us/File			

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)

ADD ADDITIONAL PAGES AS NECESSARY

Important Notice! The State of Texas has enacted a new law that concerns Vendors doing business with local governments effective January 1, 2006. All Vendors must now register with Upshur County before they submit a bid or proposal. Please take the time to read the information on Conflict of Interest Disclosure provided below.

Conflict of Interest Disclosure

Beginning January 1, 2006, a new state law (Chapter 176 of the Local Government Code) requires all persons contracting, or negotiating to contract, or making a bid to sell goods or services, with or to Upshur County, to file a completed Conflict of Interest Questionnaire with the County Clerk. Failure to comply with this law is a criminal offense.

The form can be found at <http://www.ethics.state.tx.us/forms/CIQ.pdf>.

This law does not apply to certain court appointed persons such as attorneys, physicians, interpreters and the like. It is your responsibility to determine whether it applies to you.

Upshur County
Bid # UP01-18 Gasoline and Diesel Fuel
Instructions/Terms of Contract

By order of the Commissioners Court of Upshur County, Texas, sealed bids will be accepted for:

Gasoline and Diesel Fuel

IT IS UNDERSTOOD that the Commissioners Court of Upshur County reserves the right to reject any or all bids for the products covered in this bid request and to waive any formalities or defects in bids or to accept such bids as it shall deem to be in the best interest of Upshur County.

BIDS MUST BE SUBMITTED on the forms included for that purpose in this packet. Each bid should be signed by a person having the authority to bind the vendor in a contract, placed in a sealed envelope and marked clearly on the outside as shown below:

<u>Bids should be clearly marked:</u> Bid # UP01-18 Gasoline and Diesel Fuel

RETURN SEALED BID TO the following address
February 27, 2018 not later than 5:00 p.m.

Upshur County Judge
100 W. Tyler Street 3rd Floor
P.O. Box 790
Gilmer, Texas 75644

FACSIMILE TRANSMITTALS WILL NOT BE ACCEPTED

All Bids must be received in the County Judge's Office before the opening date and time.
The time stamp located in the County Judge's Office will be considered the official time
the bids are received.

GENERAL REQUIREMENTS FOR SEALED BIDS

READ THIS ENTIRE DOCUMENT CAREFULLY. FOLLOW ALL INSTRUCTIONS. YOU ARE RESPONSIBLE FOR FULFILLING ALL REQUIREMENTS AND SPECIFICATIONS. BE SURE YOU UNDERSTAND THEM.

General Requirements apply to all advertised requests for Sealed Bids; however, these may be superseded, whole or in part, by the INSTRUCTIONS/TERMS OF CONTRACT. Be sure your bid package is complete.

ADDENDA

When specifications are revised, the Upshur County Road Administrator will issue an addendum addressing the nature of the change. Bidders must sign it and include it in the returned bid package.

ASSIGNMENT

The successful bidder may not assign, sell or otherwise transfer this contract without written permission of Upshur County Commissioners Court.

AWARD

Upshur County reserves the right to award this contract on the basis of LOWEST AND BEST BID in accordance with the laws of the State of Texas, to waive any formality or irregularity, to make awards to more than one bidder, to reject any or all Sealed Bids. In the event the lowest dollar bidder meeting specifications is not awarded a contract, the bidder may appear before the Commissioners Court and present evidence concerning his responsibility after officially notifying the Office of the County Judge of his intent to appear.

BONDS

If this bid requires submission of bid guarantee and performance bond, there will be a separate page explaining those requirements. Bids submitted without the required bid bond or Cashier's Checks are not acceptable.

CONTRACT OBLIGATION

Upshur County Commissioners Court must award the contract before it becomes binding on Upshur County or the bidder. Department heads are NOT authorized to sign agreements for Upshur County. **This contract is bound when accepted by Commissioners Court.** Binding agreements shall remain in effect until all products and/or services covered by this purchase have been satisfactorily delivered and accepted.

CONTRACT RENEWALS

Renewals may be made ONLY by written agreement between Upshur County and the bidder. Any price escalations are limited to those stated by the bidder in the original bid.

DISQUALIFICATION OF BIDDER

Upon signing this bid document, any bidder offering to sell supplies, materials, services, or equipment to Upshur County certifies that the bidder has not violated the antitrust laws of this state codified in §15.01, *et seq.*, Business & Commerce Code, or the federal antitrust laws, and has not communicated directly or indirectly the offer made to any competitor or any other person engaged in such line of business. Any or all Sealed Bids may be rejected if the County believes that collusion exists among the Bidders. Sealed Bids in which the prices are obviously unbalanced may be rejected. If multiple Sealed Bids are submitted by a bidder and after the Sealed Bids are opened, one of the Sealed Bids is withdrawn, the result will be that all of the Sealed Bids submitted by that bidder will be withdrawn; however, nothing herein prohibits a vendor from submitting multiple Bids for different products or services.

FISCAL FUNDING

A multi-year lease or lease/purchase arrangement (if requested by the specifications), or any contract continuing as a result of an extension option, must include fiscal funding out. If, for any reason, funds are not appropriated to continue the lease or contract, said lease or contract shall become null and void on the last day of the current appropriation of funds. After expiration of the lease, leased equipment shall be removed by the contractor from the using department without penalty of any kind or form to Upshur County. All charges and physical activity related to delivery, installation, removal and redelivery shall be the responsibility of the bidder.

GOVERNING FORMS

In the event of any conflict between the terms and provisions of these requirements and the specifications, the specifications shall govern. In the event of any conflict of interpretation of any part of this overall document, Upshur County's interpretation shall govern.

GOVERNING LAW

This request for bid is governed by the competitive bidding requirements of the County Purchasing Act, Texas Local Government Code, §262.021 *et seq.*, as amended. Bidders shall comply with all applicable federal, state and local laws and regulations. Bidder is further advised that these requirements shall be fully governed by the laws of the State of Texas and that Upshur County may request and rely on advice, decisions and opinions of the Attorney General of Texas and the County Attorney concerning any portion of these requirements.

HOLD HARMLESS AGREEMENT

The successful bidder shall indemnify and hold Upshur County harmless from all claims for personal injury, death and/or property damage resulting directly or indirectly from contractor's performance. Bidder shall procure and maintain, with respect to the subject matter of this bid, appropriate insurance coverage. Certification of such coverage must be provided to the County upon request.

INSPECTIONS & TESTING

Upshur County reserves the right to inspect any item(s) or service location for compliance with specifications and requirements and needs of the using department. If a bidder cannot furnish a sample of a bid item, where applicable, for review, or fails to satisfactorily show an ability to perform, the County can reject the bid as inadequate.

INVOICES AND PAYMENTS

Bidders shall submit an original invoice on each purchase order after each delivery, indicating the purchase order number. Invoices must be itemized. Any invoice, which cannot be verified by the contract price and/or is otherwise incorrect, will be returned to the bidder for correction. Under term contracts, when multiple deliveries and/or services are required, the bidder may invoice following each delivery and the County will pay on invoice. Contracts providing for a monthly charge will be billed and paid on a monthly basis only. Prior to any and all payments made for goods and/or services provided under this contract, the bidder should provide his Taxpayer Identification Number or social security number as applicable. This information must be on file with the Upshur County Treasurer's office. Failure to provide this information may result in a delay in payment and/or back up withholding as required by the Internal Revenue Service.

MAINTENANCE

Maintenance required for equipment proposed should be available in Upshur County by a manufacturer-authorized maintenance facility. Costs for this service shall be shown on the Pricing/Delivery Information. If Upshur County opts to include maintenance, it shall be so stated in the purchase order and said cost will be included. Service will commence only upon expiration of applicable warranties and should be priced accordingly.

MATERIAL SAFETY DATA SHEETS

Under the "Hazardous Communication Act", commonly known as the "Texas Right To Know Act", a bidder must provide to the County with each delivery, material safety data sheets, which are applicable to hazardous substances, defined in the Act. Failure of the bidder to furnish this documentation will be cause to reject any bid applying thereto.

PRICING

Prices for all goods and/or services shall be negotiated to a firm amount for the duration of this contract or as agreed to in terms of time frame. All prices must be written in ink or typewritten. Where unit pricing and extended pricing differ, unit pricing prevails.

BID COMPLETION

Fill out and return ONE (1) complete bid form in an appropriately sized envelope or box. **PACKAGE MUST SHOW THE BID NUMBER, DESCRIPTION AND BE MARKED "SEALED BID."** An authorized company representative should sign the Bid Sheet. Completion of these forms is intended to verify that the bidder has submitted the bid, is familiar with its contents and has submitted the material in accordance with all requirements.

BID RETURNS

Bidders must return all completed Sealed Bids to the office of the Upshur County Judge at the time and on the date specified. Late Sealed Bids will not be accepted.

PURCHASE ORDER AND DELIVERY

The successful bidder shall not deliver products or provide services without an Upshur County Purchase Order. The fastest, most reasonable delivery time shall be indicated by the bidder in the proper place on the bid document. Any special information concerning delivery should also be included, on a separate sheet, if necessary. All items shall be shipped **F.O.B. INSIDE DELIVERY** unless otherwise stated in the specifications. Every tender or delivery of goods must fully comply with all provisions of these requirements and the specifications including time, delivery and quality. Nonconformance shall constitute a breach, which must be rectified prior to expiration of the time for performance. Failure to rectify within the performance period will be considered cause to reject future deliveries and cancellation of the contract by Upshur County without prejudice to other remedies provided by law. **Where delivery times are critical, Upshur County reserves the right to award accordingly.**

SCANNED OR RE-TYPED RESPONSE

If in its response, bidder either electronically scans, re-types, or in some way reproduces the County's published bid package, then in the event of any conflict between the terms and provisions of the County's published bid package, or any portion thereof, and the terms and provisions of the response made by bidder, the County's bid package *as published* shall control. Furthermore, if an alteration of any kind to the County's published bid package is only discovered after the contract is executed and is or is not being performed; the contract is subject to immediate cancellation.

SEVERABILITY

If any section, subsection, paragraph, sentence, clause, phrase or word of these requirements or the specifications shall be held invalid, such holding shall not affect the remaining portions of these requirements and the specifications and it is hereby declared that such remaining portions would have been included in these requirements and the specifications as though the invalid portion had been omitted.

SILENCE OF SPECIFICATIONS

The apparent silence of specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of specifications shall be made on the basis of this statement. The items furnished under this contract shall be new, unused of the latest product in production to commercial trade and shall be of the highest quality as to materials used and workmanship. Manufacturer furnishing these items shall be experienced in design and construction of such items and shall be an established supplier of the item proposed.

SUPPLEMENTAL MATERIALS

Bidders are responsible for including all pertinent product data in the returned bid package. Literature, brochures, data sheets, specification information, completed forms requested as part of the bid package and any other facts which may affect the evaluation and subsequent contract award should be included. Materials such as legal documents and contractual agreements, which the bidder wishes to include as a condition of the bid, must also be in the returned bid package. Failure to include all necessary and proper supplemental materials may be cause to reject the entire bid.

TAXES

Upshur County is exempt from all federal excise, state and local taxes unless otherwise stated in this document. Upshur County claims exemption from all sales and/or use taxes under Texas Tax Code §151.309, as amended. Texas Limited Sales Tax Exemption Certificates will be furnished upon written request to the Upshur County Road & Bridge Department.

TERM CONTRACTS

If the contract is intended to cover a specific time period, the term will be given in the specifications under SCOPE.

TERMINATION

Upshur County reserves the right to terminate the contract for default if Seller breaches any of the terms therein, including warranties of bidder or if the bidder becomes insolvent or commits acts of bankruptcy. Such right of termination is in addition to and not in lieu of any other remedies, which Upshur County may have in law or equity. Default may be construed as, but not limited to, failure to deliver the proper goods and/or services within the proper amount of time, and/or to properly perform any and all services required to Upshur County's satisfaction and/or to meet all other obligations and requirements. Upshur County may terminate the contract without cause upon thirty- (30) days written notice. Upshur County reserves the right to award any canceled contract to the next lowest and best bidder as it deems to be in the best interest of the County.

TESTING

Upshur County reserves the right to test equipment, supplies, material and goods proposed for quality, compliance with specifications and ability to meet the needs of the user. Demonstration units must be available for review. Should the goods or services fail to meet requirements and/or be unavailable for evaluation, the offer is subject to rejection.

WAIVER OF SUBROGATION

Bidder and bidder's insurance carrier waive any and all rights whatsoever with regard to subrogation against Upshur County as an indirect party to any suit arising out of personal or property damages resulting from bidder's performance under this agreement.

WARRANTIES

Bidders shall furnish all data pertinent to warranties or guarantees, which may apply to items in the bid. Bidders may not limit or exclude any implied warranties. Bidder warrants that product sold to the County shall conform to the standards established by the U.S. Department of Labor under the Occupational Safety and Health Act of 1970. In the event product does not conform to OSHA Standards, where applicable, Upshur County may return the product for correction or replacement at the bidder's expense. If bidder fails to make the appropriate correction within a reasonable time, Upshur County may correct at the bidder's expense.

Upshur County
Bid UP01-18 Gasoline and Diesel Fuel
Instructions/Terms of Contract

Upshur County is requesting bids on Gasoline and Diesel Fuel. Bids must be submitted on the attached forms. By returning this bid with a price quote, vendors certify and agree that:

Delivery: Bid price must include all costs, freight, FOB destination and delivery based on delivery to Upshur County Road & Bridge Department in quantities ordered by the Upshur County Road and Bridge Department.

Exceptions/Substitutions: All bids meeting the intent of this invitation to bid will be considered for award. Bidders taking exception to the specifications, or offering substitutions, shall state these exceptions in the section provided or by attachment as part of the bid. The absence of such a list shall indicate that the bidder has not taken exceptions and Upshur County shall hold the bidder responsible to perform in strict accordance with the specifications of the invitation. The Upshur County Commissioners Court reserves the right within its sole discretion to accept any and all or none of the exception(s)/substitution(s) deemed to be in the best interest of the County.

Minimum Standards for Responsible Prospective Bidders: A prospective bidder must affirmatively demonstrate their responsibility and meet the following requirements:

1. Have adequate financial resources, or the ability to obtain such resources as required;
2. Be able to comply with the required or proposed delivery schedule;
3. Have a satisfactory record of performance;
4. Have a satisfactory record of integrity and ethics, and;
5. Be otherwise qualified and eligible to receive and award.

Upshur County may request representation and other information sufficient to determine the bidder's ability to meet these minimum requirements listed on the previous page.

Upshur County
Bid UP01-18 Gasoline and Diesel Fuel
Instructions/Terms of Contract

NOTICE OF INSURANCE SECTION

Please Read Carefully

Insurance Requirements: Bidder is required to submit with bid, an original of all insurance certificate(s) showing coverage for all requirements as stated below to be in force throughout the term of the contract. All required insurance carriers must have a B+ rating or better.

- Commercial General Liability Insurance at minimum combined single limits of \$500,000 per occurrence and \$1,000,000 general aggregate for bodily injury and property damage, which coverage shall include products/completed operations, (\$1,000,000 products/completed operations aggregate). Coverage for products/completed operations must be maintained for at least two (2) years after the products/services work is completed. Coverage must be written on occurrence form. Contractual liability must be maintained with respect to the contractor's obligations contained in the contract. The general aggregate limit must be at least two (2) times the per-occurrence limit.
- Workers Compensation Insurance at statutory limits, including employer's liability coverage at minimum limits of \$500,000 per occurrence each accident/ \$500,000 by disease per occurrence/ \$500,000 by disease aggregate.
- Commercial Automobile Liability Insurance at minimum combined single limits of \$1,000,000 per occurrence for bodily injury and property damage, including owned, non-owned, and hired vehicle coverage.

Upshur County requires it to be named in the required certificates evidencing insurance coverage, as an additional insured by endorsement. This coverage shall include a Waiver of Subrogation in favor of Upshur County, Texas.

Upshur County also requires that should any of the insurance policies required by this contract be canceled or materially changed before the expiration date thereof, the issuing company shall give Upshur County, Texas through its County Road Administrator, Andy Jordan, PO Box 730, Gilmer, Texas 75644, thirty (30) days written notice of same.

Upshur County
Bid UP01-18 Gasoline and Diesel Fuel
Instructions/Terms of Contract

Termination for Default: Upshur County reserves the right to enforce the performance of this contract in any manner prescribed by law or deemed to be in the best interest of the County in the event of breach or default. Upshur County reserves the right to terminate the contract immediately and without prior notice in the event the successful bidder fails to:

1. Meet schedules;
2. Defaults in the payment of any fees; or
3. Otherwise fails to perform in accordance with these specifications.

Notice: Any notice provided by this bid (or required by law) to be given to the successful bidder by Upshur County shall be conclusively deemed to have been given and received on the next day after such written notice has been deposited in the U.S. mail in Gilmer, Texas, with sufficient 1st class postage affixed thereto, provided this shall not prevent the giving of actual notice in any other manner.

Purchase Order: Successful bidder shall be required by this agreement to clearly and plainly reference a valid Upshur County Purchase Order number on the face of each and every invoice tendered for payment. Failure to reference a valid Upshur County Purchase Order, as herein required, shall be considered sufficient cause for Upshur County to deny payment of said claim. Upshur County shall not be obligated for products or services delivered without prior authorization via purchase order.

Invoices: Payment will be made from original vendor invoices only. Invoices shall show all information as stated above and mailed directly to the Upshur County Auditor's Office, PO Box 730, Gilmer, Texas 75644.

Payment will be made upon receipt and acceptance, by the County, of the items ordered in accordance with the Texas Government Code, Section 2251.021. Each Successful bidder is required to pay all its subcontractors within ten (10) days.

Warranty: Successful bidder shall warrant that all items/services shall conform to the proposed specifications and all written warranties as well as all implied warranties as shown in the Uniform Commercial Code, and shall be free from all latent and patent defects in material, workmanship and title.

Venue: This agreement and any dispute related hereto will be governed and construed according to the laws of the State of Texas and venue shall be fixed in Upshur County, Texas.

Any questions concerning this Invitation to Bid and Specifications should be directed to Andy Jordan, Upshur County Road Administrator, at 903-843-7623.

Upshur County
Bid # UP01-18 Gasoline and Diesel Fuel
Specifications

Scope:

It is the intent of Upshur County, Texas to purchase, through the competitive bidding process, Gasoline and Diesel Fuel. The bid will be effective starting March 15, 2018 and expiring February 28, 2019 with the option to renew for two (2) additional years contingent upon both parties, but can be canceled by either party upon giving thirty (30) days written notice to the other party.

Bids must include the brand and specifications of fuel. Delivery of fuel will normally be by the transport load and shall be delivered within twenty-four (24) hours after the order is placed.

Testing:

Gasoline and Diesel Fuel are subject to testing by the County in a competent testing laboratory. Should tests indicate fuels are not meeting specifications, Upshur County reserves the right to cancel the contract in case the successful bidder fails to correct the noncompliance with specifications and to invoice the bidder for testing expense.

Post-Terminal Price:

Documentation shall be from the source refinery bid and shall bear the refinery's logo and/or letterheads or shall be from the Oil Price Information Service and shall bear the OPIS logo and/or letterhead.

Documentation shall identify the refinery source, refinery location, fuel brand and/or trade name, and fuel prices corresponding to the type (s) of fuel (s) designated on the IFB, for which a bid is made.

Bidder should indicate in the space provided on the IFB, the first and last names and telephone number(s) of the source refinery employee(s) who may verify fuel price for a given day.

If fuel is delivered from a refinery other than originally bid, the vendor shall supply, with the invoice, posted terminal price documents from both the refinery location originally bid and the refinery used. Upshur County will pay the lesser of the two selling prices.

Invoices not supported by all specified terminal price documents will be retained and payment held in abeyance, until the required documentation is received.

Taxes:

Upshur County will be responsible for all applicable taxes at time of billing. Contractors shall not include any taxes on bid proposal.

Award Of Contract:

The "TOTAL BID" shall be used to determine the low bidder. Upshur County reserves the right to reject any or all bids. Upshur County reserves the right to award this bid to multiple vendors.

A copy of the jobber's invoice to the bidder shall be submitted with this bid to verify the present dock or jobber's price. Successful bidder shall submit a copy of the jobber's current dock price with each invoice.

Specifications/Minimum Requirements for Gasoline:

100% hydrocarbon, lead-free Grade A fuel meeting federal lead-free specifications and having a minimum 86 octane by Research Method and Motor Average.

Specifications/Minimum Requirements for Diesel:

Supply Ultra-Low Sulfur Diesel fuel (ULSD) compliant with current EPA regulations.

Bidding and Award of Contract

Quantities shown are approximate. Upshur County reserves the right to increase or decrease the quantities, to reject material not meeting specifications, to award separate contracts on each of the base bids, and to award contracts to more than one bidder. Upshur County will procure the material(s) covered by this bid package on any particular instance from the vendor whose price is most economical to Upshur County.

Bid for Gasoline and Diesel Fuel

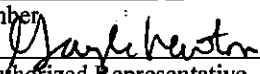
Upshur County is requesting bids for Gasoline and Diesel Fuel as described in the foregoing specifications. Without change in the unit price, it is expressly understood that the total quantity indicated on this bid form is only an estimate.

Having read and understood the attached instructions, specifications, terms and conditions, we submit the following bid:

<u>Quantity</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Price Per Unit</u>	<u>Total of Items</u>
50,000	Gasoline dock price as of 2:00 p.m. February 20, 2018	GAL	\$ <u>1.7915</u>	
	Profit Margin	GAL	\$ <u>+0.0455</u>	
	Total			\$ <u>1.8370</u> \$91,850.00
70,000	Diesel (ULSD) dock price as of 2:00 p.m. February 20, 2018	GAL	\$ <u>1.9600</u>	
	Profit Margin	GAL	\$ <u>+0.0472</u>	
	Total			\$ <u>2.0072</u> \$140,504.00
TOTAL BID: \$ <u>232,354.00</u>				

Additional profit margin if tanker loads are requested by Upshur County: \$ +0.1100

Note: Margins include freight rates but are exclusive of any applicable taxes
 The +.0455 and +.0472 margins are based on 7,500 gallon deliveries (mixed gas/diesel)
 The +.1100 additional will apply to any orders less than 7,500 gallons

Petroleum Traders Corporation	35-1462227
Firm Submitting Bid	Federal ID Number
7120 Pointe Inverness Way	
Address	
Fort Wayne, IN 46804	
City, State, Zip	
Gayle Newton, Contract Sales Manager	gnewton@petroleumtraders.com
Name and Title of Individual Submitting Bid	E-Mail Address
800-348-3705 x4	260-203-3820
Telephone Number	Fax Number
	
Signature of Authorized Representative	

References:

List three (3) companies or governmental agencies where these commodities have been provided:

1. Name: City of McKinney
222 N Tennessee Street
Address: McKinney, TX 75069 Phone No. 972-547-7586
Contact person: Connie Brown Title Contract Specialist

2. Name: Katy Independent School District
20380 Franz Road
Address: Katy, TX 77449 Phone No. 281-396-7581
Contact person: Regina Stephenson Title Contract Specialist

3. Name: Brazoria County of, TX
111 East Locust
Address: Angleton, TX 77515 Phone No. 979-864-1825
Contact person: Elizabeth Morgan Title Contract Specialist



PETRTRA-01

RENEER

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
04/21/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lupke Rice Insurance & Financial Services 127 W. Berry Street, Ste 500 Fort Wayne, IN 46802	CONTACT NAME: Renee Riles		
	PHONE (A/C, No, Ext): (260) 424-4150 1918	FAX (A/C, No):	
	E-MAIL ADDRESS: rriles@lupkerice.com		
INSURED Petroleum Traders Corporation 7120 Pointe Inverness Way Fort Wayne, IN 46804	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: HDI Global Insurance Company		41343
	INSURER B: Certain Underwriters at Lloyd's		
	INSURER C: The North River Insurance Company		21105
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			EGGCD0001941 17	06/01/2017	06/01/2018	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Pollution Liab \$ Included
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			EAGCD0001941 17	06/01/2017	06/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			EXAGD0001941 17	06/01/2017	06/01/2018	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	EWGCD0001941-17	06/01/2017	06/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Commercial Excess			17*RENMA1600055-70549*02	06/01/2017	06/01/2018	INSURER B \$ 5,000,000
C	Commercial Excess			5228007165	06/01/2017	06/01/2018	INSURER C \$ 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Sample Certificate

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



**PETROLEUM TRADERS
CORPORATION**

7120 Pointe Inverness Way
Fort Wayne, IN 46804-7928
(260) 432-6622

February 23, 2017

County of Upshur, TX
Upshur County Judge
100 W Tyler St. 3rd Floor County Courthouse
Gilmer, TX 75644

Re: Certificate of Insurance

To Whom It May Concern:

In the County of Upshur Fuel Bid, it asks for a certificate of insurance with the County of Upshur's officers, officials, employees, and volunteers named as additional insured. It is Petroleum Traders Corporation's practice to only have a company listed as "additional insured" if we are awarded their bid. Therefore, if we are notified we are awarded the County of Upshur Fuel Bid, we will be more than happy to provide a certificate naming you as additional insured.

Thank you for your understanding,

Gayle Newton,
Contract Sales Manager

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
 Petroleum Traders Corporation
 FORT WAYNE, IN United States

Certificate Number:
 2017-158550

Date Filed:
 01/26/2017

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
 Upshur County, TX

Date Acknowledged:

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
 Bid-UP01-17
 Gasoline and Diesel Fuel

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.

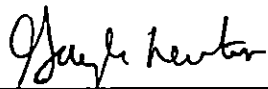
6 UNSWORN DECLARATION

My name is Gayle Newton, and my date of birth is 10/10/1959.

My address is 7120 Pointe Inverness Way, Fort Wayne, IN, 46804, USA.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Allen County, State of Indiana, on the 23rd day of February, 20 18.
(month) (year)



 Signature of authorized agent of contracting business entity
 (Declarant) Gayle Newton, Contract Sales Manager

Output

Mt. Pleasant, TX OPIS CONTRACT BENCHMARK Daily 02/20/2018
 OPIS Gross CBOB Ethanol 10% RVP 9 Prices

	Terms	Unl	Mid	Pre
Valero	u N-10	1.7915	-- --	-- --
Valero	b 1-10	1.8109	-- --	-- --
Delek	u N-10	1.7975	-- --	-- --
Contract Low		1.7915	-- --	-- --
Contract High		1.8109	-- --	-- --
Contract Average		1.8000	-- --	-- --
Cont Branded Low		1.8109	-- --	-- --
Cont Branded High		1.8109	-- --	-- --
Cont Branded Avg		1.8109	-- --	-- --
Cont Unbranded Low		1.7915	-- --	-- --
Cont Unbranded High		1.7975	-- --	-- --
Cont Unbranded Avg		1.7945	-- --	-- --

Mt. Pleasant, TX OPIS CONTRACT BENCHMARK Daily 02/20/2018
 OPIS Gross No. 2 LED Distillate Prices

	Terms	LS	HS	ULS
Valero	u N-10	-- --	-- --	1.9710
Valero	b 1-10	-- --	-- --	1.9995
Delek	u N-10	-- --	-- --	1.9600
Contract Low		-- --	-- --	1.9600
Contract High		-- --	-- --	1.9995
Contract Average		-- --	-- --	1.9768
Cont Branded Low		-- --	-- --	1.9995
Cont Branded High		-- --	-- --	1.9995
Cont Branded Avg		-- --	-- --	1.9995
Cont Unbranded Low		-- --	-- --	1.9600
Cont Unbranded High		-- --	-- --	1.9710
Cont Unbranded Avg		-- --	-- --	1.9655

Mt. Pleasant, TX OPIS CONTRACT BENCHMARK Daily 02/20/2018
 OPIS Gross CBOB Ethanol 10% RVP 9 Prices

	Terms	Unl	Mid	Pre
Valero	u N-10	1.7915	-- --	-- --
Valero	b 1-10	1.8109	-- --	-- --
Delek	u N-10	1.7975	-- --	-- --
OPIS Low		1.7915	-- --	-- --
OPIS High		1.8109	-- --	-- --
OPIS Average		1.8000	-- --	-- --
Branded Low		1.8109	-- --	-- --

			Output
Branded High	1.8109	-- --	-- --
Branded Average	1.8109	-- --	-- --
Unbranded Low	1.7915	-- --	-- --
Unbranded High	1.7975	-- --	-- --
Unbranded Average	1.7945	-- --	-- --

Mt. Pleasant, TX

Daily 02/20/2018

OPIS Gross No. 2 LED Distillate Prices

	Terms	LS	HS	ULS
Valero	u N-10	-- --	-- --	1.9710
Valero	b 1-10	-- --	-- --	1.9995
Delek	u N-10	-- --	-- --	1.9600
OPIS Low		-- --	-- --	1.9600
OPIS High		-- --	-- --	1.9995
OPIS Average		-- --	-- --	1.9768
Branded Low		-- --	-- --	1.9995
Branded High		-- --	-- --	1.9995
Branded Average		-- --	-- --	1.9995
Unbranded Low		-- --	-- --	1.9600
Unbranded High		-- --	-- --	1.9710
Unbranded Average		-- --	-- --	1.9655

Valero
Corporate Health and Safety
P.O. Box 696000
San Antonio, TX 78269-6000



PETROLEUM TRADERS CORP

260 4326564

Jul 03, 2014

Attn: Safety/Right-To-Know Coordinator

Dear Customer:

Copies of Safety Data Sheet(s) (SDS), which have been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) are enclosed for the listed products manufactured by Valero. SDS are being provided to you either :

- as a result of your being authorized to purchase the products,
- a result of your request for SDS or
- in compliance with the supplier notification requirements in 40 CFR, Part 372, Subpart C.

Please compare the dates on the attached SDS with those in your file and replace any older SDS with the more recent one. OSHA regulations may require that you make the attached information available to your employees and/or your customers.

EPA Regulations 40 CFR, Part 372, in support of Section 313 of SARA, Title III, requires all manufacturers to notify suppliers annually of the concentrations of certain chemicals in products. The list of these chemicals can be found in 40 CFR 372.65. This notification is accomplished by an annual distribution (in January) of a report listing each product and the concentration of the regulated components. This distribution also covers the notification for Section 312 of SARA, Title III Tier II for chemical inventory reporting.

The following MSDS are attached:

MSDS Number	Description
ULSD	Diesel Fuels

MSDS Assistance: (210)345-4593



SAFETY DATA SHEET

1. Identification

Product identifier DIESEL FUELS

Other means of identification

SDS number 102-GHS

Synonyms Diesel Fuels All Grades, Diesel Fuel No.2, Fuel Oil No.2, High Sulfur Diesel Fuel, Low Sulfur Diesel Fuel, Ultra Low Sulfur Diesel Fuel, CARB (California Air Resource Board) Diesel Fuel, Off-Road Diesel Fuel, Dyed Diesel Fuel, X Grade Diesel Fuel, X-1 Diesel Fuel, R5 ULSD, B5 ULS D See section 16 for complete information.

Recommended use Motor Fuel
Refinery feedstock.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Valero Marketing & Supply Company and Affiliates
One Valero Way
San Antonio, TX 78269-6000
210-345-4593
CorpHSE@valero.com

General Assistance Industrial Hygienist

E-Mail

Contact Person

Emergency Telephone 24 Hour Emergency 866-565-5220
1-800-424-9300 (CHEMTREC USA)

2. Hazard(s) identification

Physical hazards Flammable liquids Category 3

Health hazards Acute toxicity, inhalation Category 4
Skin corrosion/irritation Category 2
Carcinogenicity Category 2
Reproductive toxicity Category 2
Specific target organ toxicity, repeated exposure Category 2
Aspiration hazard Category 1

Environmental hazards Hazardous to the aquatic environment, long-term hazard Category 2

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Flammable liquid and vapor. Harmful if inhaled. Causes skin irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs (blood, thymus, liver) through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Do not breathe mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area.

DIESEL FUELS

913579 Version #: 04 Revision date: 23-May-2014 Print date: 23-May-2014

Prepared by 3E Company

1 / 11

Response If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If exposed or concerned: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Take off contaminated clothing and wash before reuse. In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.

Storage Store locked up. Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Fuels, diesel, no. 2	68476-34-6	85 - 100
Biodiesel - Fatty acid methyl esters	67762-38-3	0 - 10
Fuels, diesel, C9-18-alkane branched and linear	1159170-26-9	0 - 5
n-Nonane	111-84-2	1 - 3
Octane (All isomers)	111-65-9	1 - 2
Hexane (Other isomers)	96-14-0	0 - 1
Naphthalene	91-20-3	0 - 1
n-Heptane	142-82-5	0 - 1
n-Hexane	110-54-3	0 - 1

4. First-aid measures

Inhalation Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Skin contact Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

Ingestion Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Do not give mouth-to-mouth resuscitation. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.

Most important symptoms/effects, acute and delayed Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash. The toxicological properties of this product have not been thoroughly investigated. Use appropriate precautions. Hydrogen sulfide, a highly toxic gas, may be present. Signs and symptoms of overexposure to hydrogen sulfide include respiratory and eye irritation, dizziness, nausea, coughing, a sensation of dryness and pain in the nose, and loss of consciousness. Odor does not provide a reliable indicator of the presence of hazardous levels in the atmosphere.

Indication of immediate medical attention and special treatment needed In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. The toxicological properties of this material have not been fully investigated.

General information If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

5. Fire-fighting measures

Suitable extinguishing media Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

DIESEL FUELS

Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	The product is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Thermal decomposition or combustion may liberate toxic gases or fumes.
Special protective equipment and precautions for firefighters	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
Fire-fighting equipment/instructions	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Water runoff can cause environmental damage. Use compatible foam to minimize vapor generation as needed.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Local authorities should be advised if significant spills cannot be contained. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Local authorities should be advised if significant spillages cannot be contained. Stop leak if you can do so without risk. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.

Use non-sparking tools and explosion-proof equipment.

Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination. This material and its container must be disposed of as hazardous waste.

Large Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Do not allow material to contaminate ground water system. Should not be released into the environment.

Clean up in accordance with all applicable regulations.

Environmental precautions If facility or operation has an "oil or hazardous substance contingency plan", activate its procedures. Stay upwind and away from spill. Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not enter or stay in area unless monitoring indicates that it is safe to do so. Isolate hazard area and restrict entry to emergency crew. Flammable. Review Firefighting Measures, Section 5, before proceeding with clean up. Keep all sources of ignition (flames, smoking, flares, etc.) and hot surfaces away from release. Contain spill in smallest possible area. Recover as much product as possible (e.g. by vacuuming). Stop leak if it can be done without risk. Use water spray to disperse vapors. Use compatible foam to minimize vapor generation as needed. Spilled material may be absorbed by an appropriate absorbent, and then handled in accordance with environmental regulations. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment or drainage systems and natural waterways. Contact fire authorities and appropriate federal, state and local agencies. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, contact the National Response Center at 1-800-424-8802. For highway or railways spills, contact Chemtrec at 1-800-424-9300.

7. Handling and storage

Precautions for safe handling Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Wear personal protective equipment. Avoid breathing mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. When using, do not eat, drink or smoke. Avoid release to the environment.

DIESEL FUELS

913579 Version #: 04 Revision date: 23-May-2014 Print date: 23-May-2014

Prepared by 3E Company

3 / 11

Conditions for safe storage, including any incompatibilities

Flammable liquid storage. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. The pressure in sealed containers can increase under the influence of heat. Keep container tightly closed in a cool, well-ventilated place. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Naphthalene (CAS 91-20-3)	PEL	50 mg/m ³ 10 ppm
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m ³ 500 ppm
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m ³ 500 ppm
Octane (All isomers) (CAS 111-65-9)	PEL	2350 mg/m ³ 500 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Fuels, diesel, no. 2 (CAS 68476-34-6)	TWA	100 mg/m ³	Inhalable fraction and vapor.
Hexane (Other isomers) (CAS 96-14-0)	STEL	1000 ppm	
Naphthalene (CAS 91-20-3)	TWA	500 ppm	
	STEL	15 ppm	
n-Heptane (CAS 142-82-5)	TWA	10 ppm	
	STEL	500 ppm	
n-Hexane (CAS 110-54-3)	TWA	400 ppm	
	TWA	50 ppm	
n-Nonane (CAS 111-84-2)	TWA	200 ppm	
Octane (All isomers) (CAS 111-65-9)	TWA	300 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Hexane (Other isomers) (CAS 96-14-0)	Ceiling	1800 mg/m ³
	TWA	510 ppm 350 mg/m ³ 100 ppm
	STEL	75 mg/m ³ 15 ppm
Naphthalene (CAS 91-20-3)	TWA	50 mg/m ³ 10 ppm
	Ceiling	1800 mg/m ³ 440 ppm
	TWA	350 mg/m ³ 85 ppm
n-Heptane (CAS 142-82-5)	TWA	180 mg/m ³ 50 ppm
	TWA	1050 mg/m ³ 200 ppm
Octane (All isomers) (CAS 111-65-9)	Ceiling	1800 mg/m ³
	TWA	385 ppm 350 mg/m ³ 75 ppm

DIESEL FUELS

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedio n, without hydrolysis	Urine	*
	0.4 mg/l	2,5-Hexanedi - on, without hydrolysis		*

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

n-Hexane (CAS 110-54-3) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Fuels, diesel, no. 2 (CAS 68476-34-6) Can be absorbed through the skin.

Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

n-Hexane (CAS 110-54-3) Can be absorbed through the skin.

Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.

Skin protection

Hand protection Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Other Full body suit and boots are recommended when handling large volumes or in emergency situations. Flame retardant protective clothing is recommended.

Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workplace exposure limits for product or components are exceeded, NIOSH approved equipment should be worn. Proper respirator selection should be determined by adequately trained personnel, based on the contaminants, the degree of potential exposure and published respiratory protection factors. This equipment should be available for nonroutine and emergency use.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Consult supervisor for special handling instructions. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	Liquid (may be dyed red).
Physical state	Liquid.
Form	Liquid.
Color	Clear. Straw.
Odor	Kerosene (strong).
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	-60.07 °F (-51.15 °C) Estimated
Initial boiling point and boiling range	325 - 700 °F (162.78 - 371.11 °C)
Flash point	> 100.0 °F (> 37.8 °C) Closed Cup
Evaporation rate	0.02
Flammability (solid, gas)	Not available.

DIESEL FUELS

913579 Version #: 04 Revision date: 23-May-2014 Print date: 23-May-2014

Prepared by 3E Company

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	0.4 %
Flammability limit - upper (%)	8 %
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	< 1 mm Hg (20°C)
Vapor density	3 (Air = 1)
Relative density	0.82 - 0.87
Relative density temperature	60 °F (15.56 °C)
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	494.96 °F (257.2 °C)
Decomposition temperature	Not available.
Viscosity	2 - 4.5 mm ² /s

10. Stability and reactivity

Reactivity	Stable at normal conditions.
Chemical stability	Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks. Ignition sources. Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion	May be fatal if swallowed and enters airways.
Inhalation	Harmful if inhaled. In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.
Skin contact	Causes skin irritation.
Eye contact	May cause eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash. The toxicological properties of this product have not been thoroughly investigated. Use appropriate precautions.

Information on toxicological effects

Acute toxicity Harmful if inhaled. Harmful: may cause lung damage if swallowed. The toxicological properties of this material have not been fully investigated.

Components	Species	Test Results
Fuels, diesel, no. 2 (CAS 68476-34-6)		
Acute Inhalation LC50	Rat	4.1 mg/l, 4 hours

DIESEL FUELS

Components	Species	Test Results
Naphthalene (CAS 91-20-3)		
<i>Acute</i>		
<i>Dermal</i>		
LD50	Rabbit	> 2 g/kg
<i>Oral</i>		
LD50	Rat	490 mg/kg
n-Heptane (CAS 142-82-5)		
<i>Acute</i>		
<i>Inhalation</i>		
LC50	Rat	103 mg/l, 4 Hours
n-Hexane (CAS 110-54-3)		
<i>Acute</i>		
<i>Oral</i>		
LD50	Rat	28710 mg/kg
n-Nonane (CAS 111-84-2)		
<i>Acute</i>		
<i>Inhalation</i>		
LC50	Rat	3200 mg/l, 4 Hours
Octane (All isomers) (CAS 111-65-9)		
<i>Acute</i>		
<i>Inhalation</i>		
LC50	Rat	118 mg/l, 4 Hours
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.	
Respiratory or skin sensitization		
Respiratory sensitization	Based on available data, the classification criteria are not met.	
Skin sensitization	Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Suspected of causing cancer. International Agency for Research on Cancer (IARC): Whole diesel engine exhaust – IARC Group 1. Exposure may cause lung cancer and also noted a positive association with an increased risk of bladder cancer. Diesel exhaust has been reported to be an occupational hazard due to NIOSH-reported potential carcinogenic properties.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
Fuels, diesel, no. 2 (CAS 68476-34-6)	3 Not classifiable as to carcinogenicity to humans.	
Naphthalene (CAS 91-20-3)	2B Possibly carcinogenic to humans.	
NTP Report on Carcinogens		
Naphthalene (CAS 91-20-3)	Reasonably Anticipated to be a Human Carcinogen.	
Reproductive toxicity	Suspected of damaging fertility or the unborn child. Naphthalene interferes with embryo development in experimental animals at dose levels that cause maternal toxicity. In humans, excessive exposure to this agent may cause hemolytic anemia in the mother and fetus.	
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.	
Specific target organ toxicity - repeated exposure	May cause damage to the following organs through prolonged or repeated exposure: Blood. Liver. Thymus.	
Aspiration hazard	May be fatal if swallowed and enters airways.	
Chronic effects	Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication. Repeated exposure to naphthalene may cause cataracts, allergic skin rashes, destruction of red blood cells, and anemia, jaundice, kidney and liver damage. Danger of serious damage to health by prolonged exposure. Prolonged or repeated overexposure may cause central nervous system, kidney, liver, and lung damage.	

DIESEL FUELS

Further information

Symptoms may be delayed. Hydrogen sulfide, a highly toxic gas, may be present. Signs and symptoms of overexposure to hydrogen sulfide include respiratory and eye irritation, dizziness, nausea, coughing, a sensation of dryness and pain in the nose, and loss of consciousness. Odor does not provide a reliable indicator of the presence of hazardous levels in the atmosphere. Toxicological properties of this material have not been fully investigated.

12. Ecological information

Ecotoxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Components	Species	Test Results
Fuels, diesel, no. 2 (CAS 68476-34-6)		
Aquatic		
<i>Acute</i>		
Crustacea	EL50	Daphnia magna 68 mg/l, 48 hours
Fish	LL50	Oncorhynchus mykiss 65 mg/l, 96 hours
Naphthalene (CAS 91-20-3)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Pink salmon (Oncorhynchus gorbuscha) 0.95 - 1.62 mg/l, 96 hours
n-Heptane (CAS 142-82-5)		
Aquatic		
Fish	LC50	Western mosquitofish (Gambusia affinis) 4924 mg/l, 96 hours
n-Hexane (CAS 110-54-3)		
Aquatic		
Fish	LC50	Fathead minnow (Pimephales promelas) 2.101 - 2.981 mg/l, 96 hours
Persistence and degradability	Not available.	
Bioaccumulative potential	Not available.	
Partition coefficient n-octanol / water (log Kow)		
Hexane (Other isomers) (CAS 96-14-0)	3.6	
Octane (All isomers) (CAS 111-65-9)	5.18	
n-Heptane (CAS 142-82-5)	4.66	
n-Hexane (CAS 110-54-3)	3.9	
n-Nonane (CAS 111-84-2)	5.46	
Mobility in soil	Not available.	
Other adverse effects	Not available.	

13. Disposal considerations

Disposal instructions Dispose in accordance with all applicable regulations. This material and its container must be disposed of as hazardous waste. Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

Hazardous waste code D001: Waste Flammable material with a flash point <140 °F

US RCRA Hazardous Waste U List: Reference

Naphthalene (CAS 91-20-3) U165

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated packaging Offer rinsed packaging material to local recycling facilities.

14. Transport information**DOT**

UN number UN1202
UN proper shipping name Diesel fuel
Transport hazard class(es)
Class Combustible Liquid
Subsidiary risk -
Packing group III

DIESEL FUELS

913579 Version #: 04 Revision date: 23-May-2014 Print date: 23-May-2014
 Prepared by 3E Company

Environmental hazards

Marine pollutant Yes
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
 Special provisions 144, B1, IB3, T2, TP1
 Packaging exceptions 150
 Packaging non bulk 203
 Packaging bulk 242

IATA

UN number UN1202
 UN proper shipping name Diesel fuel
 Transport hazard class(es)
 Class 3
 Subsidiary risk -
 Label(s) 3
 Packing group III
 Environmental hazards Yes
 ERG Code 3L
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1202
 UN proper shipping name DIESEL FUEL
 Transport hazard class(es)
 Class 3
 Subsidiary risk -
 Label(s) 3
 Packing group III
 Environmental hazards
 Marine pollutant Yes
 EmS F-E, S-E
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable. However, this product is a liquid and if transported in bulk covered under MARPOL 73/78, Annex I.

15. Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
 n-Nonane (CAS 111-84-2) 1.0 % One-Time Export Notification only.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Hexane (Other isomers) (CAS 96-14-0)	LISTED
Naphthalene (CAS 91-20-3)	LISTED
n-Heptane (CAS 142-82-5)	LISTED
n-Hexane (CAS 110-54-3)	LISTED
n-Nonane (CAS 111-84-2)	LISTED
Octane (All isomers) (CAS 111-65-9)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

DIESEL FUELS

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Naphthalene	91-20-3	0 - 1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

- Naphthalene (CAS 91-20-3)
- n-Hexane (CAS 110-54-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

- Hexane (Other isomers) (CAS 96-14-0)
- Naphthalene (CAS 91-20-3)
- n-Heptane (CAS 142-82-5)
- n-Hexane (CAS 110-54-3)
- n-Nonane (CAS 111-84-2)
- Octane (All isomers) (CAS 111-65-9)

US. New Jersey Worker and Community Right-to-Know Act

- Fuels, diesel, no. 2 (CAS 68476-34-6)
- Naphthalene (CAS 91-20-3)
- n-Heptane (CAS 142-82-5)
- n-Hexane (CAS 110-54-3)
- n-Nonane (CAS 111-84-2)
- Octane (All isomers) (CAS 111-65-9)

US. Pennsylvania Worker and Community Right-to-Know Law

- Fuels, diesel, no. 2 (CAS 68476-34-6)
- Hexane (Other isomers) (CAS 96-14-0)
- Naphthalene (CAS 91-20-3)
- n-Heptane (CAS 142-82-5)
- n-Hexane (CAS 110-54-3)
- n-Nonane (CAS 111-84-2)
- Octane (All isomers) (CAS 111-65-9)

US. Rhode Island RTK

- Naphthalene (CAS 91-20-3)
- n-Hexane (CAS 110-54-3)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

- Benzene (CAS 71-43-2)
- Toluene (CAS 108-88-3)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No

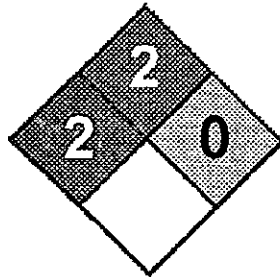
DIESEL FUELS

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	13-May-2013
Revision date	23-May-2014
Version #	04
Further information	HMIS® is a registered trade and service mark of the NPCA.
NFPA Ratings	



Disclaimer

This material Safety Data Sheet (SDS) was prepared in accordance with 29 CFR 1910.1200 by Valero Marketing & Supply Co., ("VALERO"). VALERO does not assume any liability arising out of product use by others. The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations.

Valero
Corporate Health and Safety
P.O. Box 696000
San Antonio, TX 78269-6000



PETROLEUM TRADERS CORP

260 4326564

Jul 07, 2014

Attn: Safety/Right-To-Know Coordinator

Dear Customer:

Copies of Safety Data Sheet(s) (SDS), which have been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) are enclosed for the listed products manufactured by Valero. SDS are being provided to you either :

- as a result of your being authorized to purchase the products,
- a result of your request for SDS or
- in compliance with the supplier notification requirements in 40 CFR, Part 372, Subpart C.

Please compare the dates on the attached SDS with those in your file and replace any older SDS with the more recent one. OSHA regulations may require that you make the attached information available to your employees and/or your customers.

EPA Regulations 40 CFR, Part 372, in support of Section 313 of SARA, Title III, requires all manufacturers to notify suppliers annually of the concentrations of certain chemicals in products. The list of these chemicals can be found in 40 CFR 372.65. This notification is accomplished by an annual distribution (in January) of a report listing each product and the concentration of the regulated components. This distribution also covers the notification for Section 312 of SARA, Title III Tier II for chemical inventory reporting.

The following MSDS are attached:

MSDS Number	Description
87CON/10.0E	Unleaded Gasoline

MSDS Assistance: (210)345-4593



SAFETY DATA SHEET

1. Identification

Product identifier UNLEADED GASOLINE

Other means of identification

SDS number 002-GHS

Synonyms Regular/Premium/Midgrade - Unleaded Gasoline, RFG - Reformulated Unleaded Gasoline, Conventional Unleaded Gasoline, Oxygenated Unleaded Gasoline, Non-Oxygenated Unleaded Gasoline, CARB (California Air Resource Board) Unleaded Gasoline, RBOB - Reformulated Blendstock for Oxygenate Blending, CBOB - Conventional Blendstock for Oxygenate Blending, Petrol, Motor Fuel.
See section 16 for complete information.

Recommended use Motor Fuel
Motor fuels.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Valero Marketing & Supply Company and Affiliates
One Valero Way
San Antonio, TX 78269-6000
210-345-4593
CorpHSE@valero.com

General Assistance 210-345-4593

E-Mail CorpHSE@valero.com

Contact Person Industrial Hygienist

Emergency Telephone 24 Hour Emergency 866-565-5220
1-800-424-9300 (CHEMTREC USA)

2. Hazard(s) identification

Physical hazards Flammable liquids Category 1

Health hazards Skin corrosion/irritation Category 2
Germ cell mutagenicity Category 1B
Carcinogenicity Category 1B
Reproductive toxicity Category 2
Specific target organ toxicity, single exposure Category 3 narcotic effects
Specific target organ toxicity, repeated exposure Category 2
Aspiration hazard Category 1

Environmental hazards Hazardous to the aquatic environment, long-term hazard Category 2

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable liquid and vapor. Causes skin irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs (blood, liver, kidney) through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

Precautionary statement**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting// equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe gas/mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Avoid release to the environment.

Response

If exposed or concerned: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. In case of fire: Use alcohol-resistant foam, carbon dioxide, dry powder or water fog for extinction. Collect spillage.

Storage

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

3. Composition/information on ingredients**Mixtures**

Chemical name	CAS number	%
Gasoline	86290-81-5	80-100
Toluene	108-88-3	0-30
Hexane (Other Isomers)	96-14-0	5-25
Xylene (o, m, p isomers)	1330-20-7	0-25
Octane (All isomers)	111-65-9	0-18.5
Ethanol	64-17-5	0-10
1,2,4, Trimethylbenzene	95-63-6	0-6
n-Heptane	142-82-5	1-5
Pentane	109-66-0	1-5
Cumene	98-82-8	0-5
Ethylbenzene	100-41-4	0-5
Benzene	71-43-2	0-4.9
n-Hexane	110-54-3	0-3
Cyclohexane	110-82-7	0-3

4. First-aid measures**Inhalation**

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Skin contact

Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

Ingestion

Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Do not give mouth-to-mouth resuscitation. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.

Most important symptoms/effects, acute and delayed

Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Cyanosis (blue tissue condition, nails, lips, and/or skin). Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash.

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

Prepared by 3E Company

Indication of immediate medical attention and special treatment needed

In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

5. Fire-fighting measures**Suitable extinguishing media**

Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Vapor may cause flash fire. Vapors can flow along surfaces to distant ignition source and flash back. Sensitive to static discharge.

Special protective equipment and precautions for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Fire-fighting equipment/instructions

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Vapors may form explosive air mixtures even at room temperature. Prevent buildup of vapors or gases to explosive concentrations. Some of these materials, if spilled, may evaporate leaving a flammable residue. Water runoff can cause environmental damage. Use compatible foam to minimize vapor generation as needed.

Specific methods

Use water spray to cool unopened containers.

General fire hazards

Extremely flammable liquid and vapor. Containers may explode when heated.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Local authorities should be advised if significant spills cannot be contained. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.

Use non-sparking tools and explosion-proof equipment.

Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination. This material and its container must be disposed of as hazardous waste.

Large Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Do not allow material to contaminate ground water system. Should not be released into the environment.

Environmental precautions

Gasoline may contain oxygenated blend products (Ethanol, etc.) that are soluble in water and therefore precautions should be taken to protect surface and groundwater sources from contamination. If facility or operation has an "oil or hazardous substance contingency plan", activate its procedures. Stay upwind and away from spill. Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not enter or stay in area unless monitoring indicates that it is safe to do so. Isolate hazard area and restrict entry to emergency crew. Extremely flammable. Review Firefighting Measures, Section 5, before proceeding with clean up. Keep all sources of ignition (flames, smoking, flares, etc.) and hot surfaces away from release. Contain spill in smallest possible area. Recover as much product as possible (e.g. by vacuuming). Stop leak if it can be done without risk. Use water spray to disperse vapors. Use compatible foam to minimize vapor generation as needed. Spilled material may be absorbed by an appropriate absorbent, and then handled in accordance with environmental regulations. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment or drainage systems and natural waterways. Contact fire authorities and appropriate federal, state and local agencies. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, contact the National Response Center at 1-800-424-8802.

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

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7. Handling and storage

Precautions for safe handling

Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. The product is extremely flammable, and explosive vapor/air mixtures may be formed even at normal room temperatures. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. When using, do not eat, drink or smoke. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Flammable liquid storage. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. The pressure in sealed containers can increase under the influence of heat. Keep container tightly closed in a cool, well-ventilated place. Keep away from food, drink and animal feedings. Keep out of the reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Benzene (CAS 71-43-2)	STEL	5 ppm
	TWA	1 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Cumene (CAS 98-82-8)	PEL	245 mg/m ³
		50 ppm
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m ³
		300 ppm
Ethanol (CAS 64-17-5)	PEL	1900 mg/m ³
		1000 ppm
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m ³
		100 ppm
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m ³
		500 ppm
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m ³
		500 ppm
Octane (All isomers) (CAS 111-65-9)	PEL	2350 mg/m ³
		500 ppm
Pentane (CAS 109-66-0)	PEL	2950 mg/m ³
		1000 ppm
Xylene (o, m, p isomers) (CAS 1330-20-7)	PEL	435 mg/m ³
		100 ppm

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
Benzene (CAS 71-43-2)	Ceiling	25 ppm
	TWA	10 ppm
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
1,2,4, Trimethylbenzene (CAS 95-63-6)	TWA	25 ppm
Benzene (CAS 71-43-2)	STEL	2.5 ppm

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014
Prepared by 3E Company

US. ACGIH Threshold Limit Values

Components	Type	Value
	TWA	0.5 ppm
Cumene (CAS 98-82-8)	TWA	50 ppm
Cyclohexane (CAS 110-82-7)	TWA	100 ppm
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm
Gasoline (CAS 86290-81-5)	STEL	500 ppm
	TWA	300 ppm
Hexane (Other isomers) (CAS 96-14-0)	STEL	1000 ppm
	TWA	500 ppm
n-Heptane (CAS 142-82-5)	STEL	500 ppm
	TWA	400 ppm
n-Hexane (CAS 110-54-3)	TWA	50 ppm
Octane (All isomers) (CAS 111-65-9)	TWA	300 ppm
Pentane (CAS 109-66-0)	TWA	600 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm
Xylene (o, m, p isomers) (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
1,2,4, Trimethylbenzene (CAS 95-63-6)	TWA	125 mg/m3
		25 ppm
Benzene (CAS 71-43-2)	STEL	1 ppm
	TWA	0.1 ppm
Cumene (CAS 98-82-8)	TWA	245 mg/m3
		50 ppm
Cyclohexane (CAS 110-82-7)	TWA	1050 mg/m3
		300 ppm
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3
		1000 ppm
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3
		125 ppm
	TWA	435 mg/m3
		100 ppm
Hexane (Other isomers) (CAS 96-14-0)	Ceiling	1800 mg/m3
		510 ppm
	TWA	350 mg/m3
		100 ppm
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m3
		440 ppm
	TWA	350 mg/m3
		85 ppm
n-Hexane (CAS 110-54-3)	TWA	180 mg/m3
		50 ppm
Octane (All isomers) (CAS 111-65-9)	Ceiling	1800 mg/m3
		385 ppm
	TWA	350 mg/m3
		75 ppm
Pentane (CAS 109-66-0)	Ceiling	1800 mg/m3

UNLEADED GASOLINE

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Toluene (CAS 108-88-3)		610 ppm
	TWA	350 mg/m3
		120 ppm
	STEL	560 mg/m3
Xylene (o, m, p isomers) (CAS 1330-20-7)		150 ppm
	TWA	375 mg/m3
		100 ppm
	STEL	655 mg/m3
		150 ppm
	TWA	435 mg/m3
		100 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Benzene (CAS 71-43-2)	25 µg/g	S-Phenylmercapturic acid	Creatinine in urine	*
Ethylbenzene (CAS 100-41-4)	0.7 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedion, without hydrolysis		*
	0.4 mg/l	2,5-Hexanedion, without hydrolysis	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
Xylene (o, m, p isomers) (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

- Benzene (CAS 71-43-2) Can be absorbed through the skin.
- Cumene (CAS 98-82-8) Can be absorbed through the skin.
- n-Hexane (CAS 110-54-3) Can be absorbed through the skin.
- Toluene (CAS 108-88-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

- Cumene (CAS 98-82-8) Skin designation applies.
- Toluene (CAS 108-88-3) Skin designation applies.

US - Tennessee OELs: Skin designation

- Cumene (CAS 98-82-8) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

- Benzene (CAS 71-43-2) Can be absorbed through the skin.
- n-Hexane (CAS 110-54-3) Can be absorbed through the skin.

US. NIOSH: Pocket Guide to Chemical Hazards

- Cumene (CAS 98-82-8) Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

- Cumene (CAS 98-82-8) Can be absorbed through the skin.

Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment.

UNLEADED GASOLINE

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.
Skin protection	
Hand protection	Avoid exposure - obtain special instructions before use. Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.
Other	Wear chemical-resistant, impervious gloves. Full body suit and boots are recommended when handling large volumes or in emergency situations. Flame retardant protective clothing is recommended.
Respiratory protection	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workplace exposure limits for product or components are exceeded, NIOSH approved equipment should be worn. Proper respirator selection should be determined by adequately trained personnel, based on the contaminants, the degree of potential exposure and published respiratory protection factors. This equipment should be available for nonroutine and emergency use.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Consult supervisor for special handling instructions. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	Light straw to red clear liquid with characteristic strong odor of gasoline.
Physical state	Liquid.
Form	Liquid.
Color	Light straw to red clear.
Odor	Characteristic Gasoline Odor (Strong).
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	44.01 °F (6.67 °C) May start to solidify at this temperature. This is based on data for the following ingredient: Cyclohexane. Weighted average: -91.9 deg C (-133.4 deg F)
Initial boiling point and boiling range	80.06 - 440.06 °F (26.7 - 226.7 °C)
Flash point	-40.0 °F (-40.0 °C) (closed cup)
Evaporation rate	10 - 11 BuAc
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	1.3 %
Flammability limit - upper (%)	7.1 %
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	60.8 - 101.3 kPa (20°C)
Vapor density	3 - 4 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Very slightly soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	> 500 °F (> 260 °C)
Decomposition temperature	Not available.
Viscosity	Not available.

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

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Other information

Flash point class Flammable IA
 VOC (Weight %) 100 %

10. Stability and reactivity

Reactivity None known.
 Chemical stability Stable under normal temperature conditions and recommended use.
 Possibility of hazardous reactions Hazardous polymerization does not occur.
 Conditions to avoid Heat, flames and sparks. Ignition sources. Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
 Incompatible materials Strong oxidizing agents.
 Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion Swallowing or vomiting of the liquid may result in aspiration into the lungs.
 Inhalation In high concentrations, mists/vapors may irritate throat and respiratory system and cause coughing. May cause drowsiness or dizziness.
 Skin contact Causes skin irritation. Prolonged contact may cause dryness of the skin.
 Eye contact May cause eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Cyanosis (blue tissue condition, nails, lips, and/or skin). Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash.

Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Components	Species	Test Results
1,2,4, Trimethylbenzene (CAS 95-63-6)		
Acute		
Dermal		
LD50	Rabbit	> 3160 mg/kg
Inhalation		
LC50	Rat	> 2000 mg/l, 48 Hours
Oral		
LD50	Rat	6 g/kg
Benzene (CAS 71-43-2)		
Acute		
Oral		
LD50	Rat	3306 mg/kg
Cumene (CAS 98-82-8)		
Acute		
Inhalation		
LC50	Mouse	2000 mg/l, 7 Hours
	Rat	8000 mg/l, 4 Hours
Oral		
LD50	Rat	1400 mg/kg
Cyclohexane (CAS 110-82-7)		
Acute		
Oral		
LD50	Rat	12705 mg/kg

Components	Species	Test Results
Ethanol (CAS 64-17-5)		
Acute		
Inhalation		
LC50	Rat	30000 mg/m3
Ethylbenzene (CAS 100-41-4)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Oral		
LD50	Rat	5.46 g/kg
n-Heptane (CAS 142-82-5)		
Acute		
Inhalation		
LC50	Rat	103 mg/l, 4 Hours
n-Hexane (CAS 110-54-3)		
Acute		
Oral		
LD50	Rat	28710 mg/kg
Octane (All isomers) (CAS 111-65-9)		
Acute		
Inhalation		
LC50	Rat	118 mg/l, 4 Hours
Pentane (CAS 109-66-0)		
Acute		
Inhalation		
LC50	Rat	364 mg/l, 4 Hours
Toluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	14.1 ml/kg
Inhalation		
LC50	Rat	8000 mg/l, 4 Hours
Oral		
LD50	Rat	2.6 g/kg
Xylene (o, m, p isomers) (CAS 1330-20-7)		
Acute		
Oral		
LD50	Rat	4300 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.	
Respiratory or skin sensitization		
Respiratory sensitization	Based on available data, the classification criteria are not met.	
Skin sensitization	Based on available data, the classification criteria are not met. This substance may have a potential for sensitization which may provoke an allergic reaction among sensitive individuals.	
Germ cell mutagenicity	May cause genetic defects. In in-vitro experiments, neither benzene, toluene nor xylene changed the number of sister-chromatid exchanges (SCEs) or the number of chromosomal aberrations in human lymphocytes. However, toluene and xylene caused a significant cell growth inhibition which was not observed with benzene in the same concentrations. In in-vivo experiments, toluene changed the number of sister-chromatid exchanges (SCEs) in human lymphocytes. Toluene may cause heritable genetic damage.	

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

Prepared by 3E Company

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Benzene (CAS 71-43-2)	1 Carcinogenic to humans.
Cumene (CAS 98-82-8)	2B Possibly carcinogenic to humans.
Ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.
Gasoline (CAS 86290-81-5)	2B Possibly carcinogenic to humans.
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.
Xylene (o, m, p isomers) (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.

NTP Report on Carcinogens

Benzene (CAS 71-43-2)	Known To Be Human Carcinogen.
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US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Benzene (CAS 71-43-2)	Cancer
-----------------------	--------

Reproductive toxicity

Suspected of damaging fertility or the unborn child. Benzene, xylene and toluene have demonstrated animal effects of reproductive toxicity. Animal studies of benzene have shown testicular effects, alterations in reproductive cycles, chromosomal aberrations and embryo/fetotoxicity. Ethanol has demonstrated human effects of reproductive toxicity. Can cause adverse reproductive effects - such as birth defects, miscarriages, or infertility. Avoid exposure to women during early pregnancy. Avoid contact during pregnancy/while nursing.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

May cause damage to the following organs through prolonged or repeated exposure: Blood. Kidneys. Liver.

Aspiration hazard

May be fatal if swallowed and enters airways.

Chronic effects

Repeated exposure of laboratory animals to high concentrations of gasoline vapors has caused kidney damage and cancer in rats and cancer in mice. Gasoline was evaluated for genetic activity in assays using microbial cells, cultured mammalian cells and rat bone marrow cells. The results were all negative so gasoline was considered nonmutagenic under these conditions. Overexposure to this product or its components has been suggested as a cause of liver abnormalities in laboratory animals and humans. Lifetime studies by the American Petroleum Institute have shown that kidney damage and kidney cancer can occur in male rats after prolonged inhalation exposures at elevated concentrations of total gasoline. Kidneys of mice and female rats were unaffected. The U.S. EPA Risk Assessment Forum has concluded that the male rat kidney tumor results are not relevant for humans. Total gasoline exposure also produced liver tumors in female mice only. The implication of these data for humans has not been determined.

Further information

Symptoms may be delayed.

12. Ecological information

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Components	Species	Test Results
1,2,4, Trimethylbenzene (CAS 95-63-6)		
Aquatic		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 7.19 - 8.28 mg/l, 96 hours
Benzene (CAS 71-43-2)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia magna</i>) 8.76 - 15.6 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>) 7.2 - 11.7 mg/l, 96 hours
Cumene (CAS 98-82-8)		
Aquatic		
Crustacea	EC50	Brine shrimp (<i>Artemia</i> sp.) 3.55 - 11.29 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>) 2.7 mg/l, 96 hours
Cyclohexane (CAS 110-82-7)		
Aquatic		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 3.961 - 5.181 mg/l, 96 hours Striped bass (<i>Morone saxatilis</i>) 8.3 mg/l, 96 hours

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

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Components	Species	Test Results
Ethanol (CAS 64-17-5)		
Aquatic		
Algae	EC50	Freshwater algae 275 mg/l, 72 Hours Marine water algae 1970 mg/l
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours Freshwater fish 11200 mg/l, 96 Hours
Invertebrate	EC50	Freshwater invertebrate 5012 mg/l, 48 Hours Marine water invertebrate 857 mg/l, 48 Hours
Ethylbenzene (CAS 100-41-4)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 1 - 4 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss) 4 mg/l, 96 hours
n-Heptane (CAS 142-82-5)		
Aquatic		
Fish	LC50	Western mosquitofish (Gambusia affinis) 4924 mg/l, 96 hours
n-Hexane (CAS 110-54-3)		
Aquatic		
Fish	LC50	Fathead minnow (Pimephales promelas) 2.101 - 2.981 mg/l, 96 hours
Toluene (CAS 108-88-3)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Pink salmon (Oncorhynchus gorbuscha) 6.86 - 8.48 mg/l, 96 hours
Xylene (o, m, p isomers) (CAS 1330-20-7)		
Aquatic		
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss) 8 mg/l, 96 Hours

Persistence and degradability Not available.

Bioaccumulative potential Not available.

Partition coefficient n-octanol / water (log Kow)

Benzene (CAS 71-43-2)	2.13
Cumene (CAS 98-82-8)	3.66
Cyclohexane (CAS 110-82-7)	3.44
Ethanol (CAS 64-17-5)	-0.31
Ethylbenzene (CAS 100-41-4)	3.15
Hexane (Other Isomers) (CAS 96-14-0)	3.6
Octane (All isomers) (CAS 111-65-9)	5.18
Pentane (CAS 109-66-0)	3.39
Toluene (CAS 108-88-3)	2.73
Xylene (o, m, p isomers) (CAS 1330-20-7)	3.2
n-Heptane (CAS 142-82-5)	4.66
n-Hexane (CAS 110-54-3)	3.9

Mobility in soil Not available.

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Dispose in accordance with all applicable regulations. This material and its container must be disposed of as hazardous waste. Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

Hazardous waste code D001: Waste Flammable material with a flash point <140 °F
D018: Waste Benzene

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

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11 / 15

US RCRA Hazardous Waste U List: Reference

Benzene (CAS 71-43-2)	U019
Cumene (CAS 98-82-8)	U055
Cyclohexane (CAS 110-82-7)	U056
Toluene (CAS 108-88-3)	U220
Xylene (o, m, p isomers) (CAS 1330-20-7)	U239

Waste from residues / unused products Dispose of in accordance with local regulations.
 Contaminated packaging Offer rinsed packaging material to local recycling facilities.

14. Transport information**DOT**

UN number UN1203
 UN proper shipping name Gasoline
 Transport hazard class(es)
 Class 3
 Subsidiary risk -
 Packing group II
 Environmental hazards
 Marine pollutant Yes
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
 Special provisions 139, B33, B101, T8
 Packaging exceptions 150
 Packaging non bulk 202
 Packaging bulk 242

IATA

UN number UN1203
 UN proper shipping name Gasoline
 Transport hazard class(es)
 Class 3
 Subsidiary risk -
 Label(s) 3
 Packing group II
 Environmental hazards Yes
 ERG Code 3H
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1203
 UN proper shipping name Gasoline
 Transport hazard class(es)
 Class 3
 Subsidiary risk -
 Label(s) 3
 Packing group II
 Environmental hazards
 Marine pollutant Yes
 EmS F-E, S-E
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable. However, this product is a liquid and if transported in bulk covered under MARPOL 73/78, Annex I.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
 All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Benzene (CAS 71-43-2) Cancer

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

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Central nervous system
 Blood
 Aspiration
 Skin
 Eye
 Respiratory tract irritation
 Flammability

CERCLA Hazardous Substance List (40 CFR 302.4)

Benzene (CAS 71-43-2)	LISTED
Cumene (CAS 98-82-8)	LISTED
Cyclohexane (CAS 110-82-7)	LISTED
Ethanol (CAS 64-17-5)	LISTED
Ethylbenzene (CAS 100-41-4)	LISTED
Gasoline (CAS 86290-81-5)	LISTED
Hexane (Other Isomers) (CAS 96-14-0)	LISTED
n-Heptane (CAS 142-82-5)	LISTED
n-Hexane (CAS 110-54-3)	LISTED
Octane (All isomers) (CAS 111-65-9)	LISTED
Pentane (CAS 109-66-0)	LISTED
Toluene (CAS 108-88-3)	LISTED
Xylene (o, m, p isomers) (CAS 1330-20-7)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance
 Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Toluene	108-88-3	0-30
Xylene (o, m, p isomers)	1330-20-7	0-25
1,2,4, Trimethylbenzene	95-63-6	0-6
Cumene	98-82-8	0-5
Ethylbenzene	100-41-4	0-5
Benzene	71-43-2	0-4.9
n-Hexane	110-54-3	0-3
Cyclohexane	110-82-7	0-3

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Benzene (CAS 71-43-2)
 Cumene (CAS 98-82-8)
 Ethylbenzene (CAS 100-41-4)
 n-Hexane (CAS 110-54-3)
 Toluene (CAS 108-88-3)
 Xylene (o, m, p isomers) (CAS 1330-20-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Pentane (CAS 109-66-0)

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Toluene (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Toluene (CAS 108-88-3) 35 % weight/volumn

DEA Exempt Chemical Mixtures Code Number

Toluene (CAS 108-88-3) 594

UNLEADED GASOLINE

913457 Version #: 03 Revision date: 23-May-2014 Print date: 23-May-2014

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US state regulations

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

1,2,4, Trimethylbenzene (CAS 95-63-6)
Benzene (CAS 71-43-2)
Cumene (CAS 98-82-8)
Cyclohexane (CAS 110-82-7)
Ethanol (CAS 64-17-5)
Ethylbenzene (CAS 100-41-4)
Hexane (Other Isomers) (CAS 96-14-0)
n-Heptane (CAS 142-82-5)
n-Hexane (CAS 110-54-3)
Octane (All isomers) (CAS 111-65-9)
Pentane (CAS 109-66-0)
Toluene (CAS 108-88-3)
Xylene (o, m, p isomers) (CAS 1330-20-7)

US. New Jersey Worker and Community Right-to-Know Act

1,2,4, Trimethylbenzene (CAS 95-63-6)
Benzene (CAS 71-43-2)
Cumene (CAS 98-82-8)
Cyclohexane (CAS 110-82-7)
Ethanol (CAS 64-17-5)
Ethylbenzene (CAS 100-41-4)
n-Heptane (CAS 142-82-5)
n-Hexane (CAS 110-54-3)
Octane (All isomers) (CAS 111-65-9)
Pentane (CAS 109-66-0)
Toluene (CAS 108-88-3)
Xylene (o, m, p isomers) (CAS 1330-20-7)

US. Pennsylvania Worker and Community Right-to-Know Law

1,2,4, Trimethylbenzene (CAS 95-63-6)
Benzene (CAS 71-43-2)
Cumene (CAS 98-82-8)
Cyclohexane (CAS 110-82-7)
Ethanol (CAS 64-17-5)
Ethylbenzene (CAS 100-41-4)
Gasoline (CAS 86290-81-5)
Hexane (Other Isomers) (CAS 96-14-0)
n-Heptane (CAS 142-82-5)
n-Hexane (CAS 110-54-3)
Octane (All isomers) (CAS 111-65-9)
Pentane (CAS 109-66-0)
Toluene (CAS 108-88-3)
Xylene (o, m, p isomers) (CAS 1330-20-7)

US. Rhode Island RTK

1,2,4, Trimethylbenzene (CAS 95-63-6)
Benzene (CAS 71-43-2)
Cumene (CAS 98-82-8)
Cyclohexane (CAS 110-82-7)
Ethylbenzene (CAS 100-41-4)
n-Hexane (CAS 110-54-3)
Pentane (CAS 109-66-0)
Toluene (CAS 108-88-3)
Xylene (o, m, p isomers) (CAS 1330-20-7)

US. California Proposition 65**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Benzene (CAS 71-43-2)
Cumene (CAS 98-82-8)
Ethylbenzene (CAS 100-41-4)
Toluene (CAS 108-88-3)

International Inventories

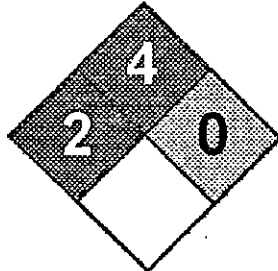
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 13-May-2013
 Revision date 23-May-2014
 Version # 03
 Further information HMIS® is a registered trade and service mark of the NPCA.
 NFPA Ratings



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References

ACGIH
 EPA: AQUIRE database
 NLM: Hazardous Substances Data Base
 US. IARC Monographs on Occupational Exposures to Chemical Agents
 HSDB® - Hazardous Substances Data Bank
 IARC Monographs. Overall Evaluation of Carcinogenicity
 National Toxicology Program (NTP) Report on Carcinogens
 ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

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