1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

TRADE NAME(S)          FUEL OIL NO. 2 (LOW SULFUR)
CAS NUMBER             68476-34-6
MSDS NUMBER            5465
PRODUCT CODE           ND
SYNONYM(S)             2 OIL, NO. 2 LOW SULFUR DIESEL, NO. 2 LOW SULFUR FUEL,
                       APPLICABLE TO ALL GRADES
                       DESULFURIZED NO. 2 FUEL OIL
                       DIESEL FUEL, ARCTIC DIESEL, DIESEL FUEL NO. 2,
                       DIESEL OIL, D-GRADE FUEL OIL, RAILROAD DIESEL, VIRGIN DIESEL
                       DK 45
                       HEATING OIL, PREMIUM DIESEL (LOW SULFUR)
                       NO. 2 FUEL OIL (NO2FO)
                       PERFORMANCE GOLD PLUS
                       U.S. SOY FIELD DIESEL
                       U.S. SOY PLUS DIESEL

MANUFACTURER / SUPPLIER Flint Hills Resources, LP
2825 Suntide Road (78409)
P. O. Box 2608
Corpus Christi, TX
78403

TELEPHONE NUMBERS - 24 HOUR EMERGENCY ASSISTANCE
Chemtrec              800-424-9300
Flint Hills Resources, LP 361-241-4811

TELEPHONE NUMBERS - GENERAL ASSISTANCE
8-5 (M-F, CST)        361-241-4811
8-5 (M-F, CST) MSDS    316-828-7988
Assistance

2 COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Concentration*</th>
<th>Exposure Limits / Health Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>C9-C20 HYDROCARBONS PRODUCED BY THE PROCESSING</td>
<td>68476-34-6</td>
<td>99 - 100 %</td>
<td>ND</td>
</tr>
<tr>
<td>OF CRUDE OIL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,2,4-TRIMETHYLBENZENE</td>
<td>95-63-6</td>
<td>0.3 - 1 %</td>
<td>25 ppm 8-Hour TWA (ACGIH)</td>
</tr>
<tr>
<td>BIPHENYL</td>
<td>92-52-4</td>
<td>0 - 0.75 %</td>
<td>0.2 ppm 8-Hour TWA (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.2 ppm 8-Hour TWA (ACGIH)</td>
</tr>
</tbody>
</table>

ND = No Data NA = Not Applicable
<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Concentration*</th>
<th>Exposure Limits / Health Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAPHTHALENE</td>
<td>91-20-3</td>
<td>0 - 0.3 %</td>
<td>10 ppm 8-Hour TWA (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 ppm 8-Hour TWA (ACGIH)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>15 ppm 15-Min STEL (ACGIH)</td>
</tr>
<tr>
<td>XYLENES</td>
<td>1330-20-7</td>
<td>0 - 1 %</td>
<td>100 ppm 8-Hour TWA (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>100 ppm 8-Hour TWA (ACGIH)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>150 ppm 15-Min STEL (ACGIH)</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>&lt; 0.2 %</td>
<td>200 ppm 8-Hour TWA (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>300 ppm CEILING (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 ppm 8-Hour TWA (ACGIH)</td>
</tr>
<tr>
<td>CUMENE</td>
<td>98-82-8</td>
<td>&lt; 0.1 %</td>
<td>50 ppm 8-Hour TWA (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 ppm 8-Hour TWA (ACGIH)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Designation**</td>
</tr>
<tr>
<td>BENZENE</td>
<td>71-43-2</td>
<td>0 - 200 PPM</td>
<td>1 ppm 8-Hour TWA (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 ppm 15-Min STEL (OSHA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.5 ppm 8-Hour TWA (ACGIH)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2.5 ppm 15-Min STEL (ACGIH)</td>
</tr>
</tbody>
</table>

*Values do not reflect absolute minimums and maximums; these values are typical which may vary from time to time.

** COMPOSITION COMMENTS

** Exposure to this chemical may add to the overall exposure, as it is readily absorbed through the skin.

This Material Safety Data Sheet is intended to communicate potential health hazards and potential physical hazards associated with the product(s) covered by this sheet, and is not intended to communicate product specification information. For product specification information, contact your Flint Hills Resources, LP representative.

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING!

HEALTH HAZARDS
MAY BE IRRITATING TO THE SKIN, EYES AND RESPIRATORY TRACT
OVEREXPOSURE MAY CAUSE CNS DEPRESSION
ASPIRATION HAZARD IF SWALLOWED-CAN ENTER LUNGS AND CAUSE DAMAGE
POTENTIAL REPRODUCTIVE HAZARD
SKIN CANCER HAZARD BASED ON TESTS WITH LABORATORY ANIMALS
SEE "TOXICOLOGICAL INFORMATION" (SECTION 11) FOR MORE INFORMATION

FLAMMABILITY HAZARDS
COMBUSTIBLE
PER OSHA GUIDELINES, 29 CFR 1910.1200(c)

REACTIVITY HAZARDS
STABLE
POTENTIAL HEALTH EFFECTS, SKIN
MODERATELY IRRITATING. Repeated or prolonged skin contact may cause drying, reddening, itching and cracking.

No significant effects are expected to occur following short term exposure. Repeated or prolonged contact with large amounts of this material may result in absorption through the skin to produce toxic effects.

Contact with heated material may cause thermal burns.

POTENTIAL HEALTH EFFECTS, EYE
SLIGHTLY IRRITATING. Exposure to vapors, fumes or mists may cause irritation. May cause slight transient irritation, lacrimation (tears) and a burning sensation in the eyes. Prolonged or repeated exposure may cause irritation and conjunctivitis.

Contact with heated material may cause thermal burns, destruction of eye tissue and possible permanent injury or blindness.

POTENTIAL HEALTH EFFECTS, INHALATION
Petroleum mists at high exposure levels may be irritating to the nose, throat and lungs.

May cause central nervous system depression or effects. Symptoms may include headache, excitation, euphoria, dizziness, incoordination, drowsiness, light-headedness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death, depending on the concentration and duration of exposure.

Overexposure to this material may cause systemic damage including target organ effects listed under "Toxicological Information" (Section 11).

Other specific symptoms of exposure are listed under "Toxicological Information" (Section 11).

POTENTIAL HEALTH EFFECTS, INGESTION
PRACTICALLY NON-TOXIC. Ingestion of large amounts may cause gastrointestinal disturbances. May cause irritation of the mouth, throat and gastrointestinal tract. Symptoms may include salivation, pain, nausea, vomiting and diarrhea.

Aspiration into lungs may cause chemical pneumonia and lung damage.

Exposure may also cause central nervous system symptoms similar to those listed under "Inhalation" (see Inhalation section).

Overexposure to this material may cause systemic damage including target organ effects listed under "Toxicological Information" (Section 11).

Other specific symptoms of exposure are listed under "Toxicological Information" (Section 11).

4 FIRST AID MEASURES

SKIN
Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. GET IMMEDIATE MEDICAL ATTENTION.

Place contaminated clothing in closed container for storage until laundered or discarded. If clothing is to be laundered, inform person performing operation of contaminant's hazardous properties. Discard contaminated leather goods.
**EYE**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**INHALATION**

Remove to fresh air. If not breathing, institute rescue breathing. If breathing is difficult, ensure airway is clear and give oxygen.

Keep affected person warm and at rest. GET IMMEDIATE MEDICAL ATTENTION.

**INGESTION**

Do not induce vomiting because of danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Gastric lavage should be performed only by qualified medical personnel.

Keep affected person warm and at rest. GET IMMEDIATE MEDICAL ATTENTION.

**NOTES TO PHYSICIAN**

Gastric lavage may be indicated if ingested. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.

5 **FIRE FIGHTING MEASURES**

**HAZARDOUS COMBUSTION PRODUCTS**

Combustion may produce hazardous combustion products such as COx, NOx, SOx, reactive hydrocarbons, and irritating vapors.

**EXTINGUISHING MEDIA**

Use water spray, dry chemical, carbon dioxide or fire-fighting foam for Class B fires to extinguish fire.

**BASIC FIRE FIGHTING PROCEDURES**

Evacuate area and fight fire from a safe distance.

If leak or spill has not ignited, ventilate area and use water spray to disperse gas or vapor and to protect personnel attempting to stop a leak.

Use water spray to cool adjacent structures and to protect personnel. Shut off source of flow if possible. Stay away from storage tank ends. Withdraw immediately in case of rising sound from venting safety device or any discoloration of storage tank due to fire.

Firefighters must wear NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back.

Explosion hazard if exposed to extreme heat or to physical or thermal shock.
Flammability Limits in Air, Lower, % by Volume 0.6  %

Flammability Limits in Air, Upper, % by Volume 7.5  %

Flash Point > 125 °F (> 52 °C) PENSKY-MARTENS CLOSED CUP

Autoignition Temperature 494 °F (257 °C)

6 ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION

Eliminate and/or shut off ignition sources and keep ignition sources out of the area. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind. Isolate for 800 meters (1/2 mile) in all directions if tank, rail car or tank truck is involved in fire. Evacuate area endangered by release as required. (See Exposure Controls/Personal Protection, Section 8.)

ENVIRONMENTAL PRECAUTIONS

Eliminate all sources of ignition. Isolate hazard area and deny entry.

If material is released to the environment, take immediate steps to stop and contain release. Caution should be exercised regarding personnel safety and exposure to the released material. Notify local authorities and the National Response Center, if required.

SPILL OR LEAK PROCEDURE

Keep unnecessary people away. Isolate area for at least 25 to 50 meters (80 to160 feet) to preserve public safety. For large spills, consider initial evacuation for at least 300 meters (1000 feet).

Keep ignition sources out of area and shut off all ignition sources. Absorb spill with inert material (e.g. dry sand or earth) then place in a chemical waste container. Large Spills: Dike far ahead of liquid spill for later disposal.

Use water spray, fog, or regular foam to reduce vapors. Stop leak when safe to do so.

See Exposure Controls/Personal Protection (Section 8).

7 HANDLING & STORAGE

HANDLING

Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Use non-sparking tools. Do not cut, grind, drill, weld or reuse containers unless adequate precautions are taken against these hazards.

Do not eat, drink or smoke in areas of use or storage.

STORAGE

Store in tightly closed containers in a cool, dry, isolated, well-ventilated area away from heat, sources of ignition and incompatibles. Avoid contact with strong oxidizers.

Empty containers may contain material residue. Do not reuse without adequate precautions.

Do not eat, drink or smoke in areas of use or storage.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Ventilation and other forms of engineering controls are the preferred means for controlling exposures.
EYE PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)
Keep away from eyes. Eye contact can be avoided by using chemical safety glasses, goggles, and/or face shield. Have eye washing facilities readily available where eye contact can occur.

SKIN PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)
Avoid skin contact with this material. Use appropriate chemical protective gloves when handling.

Good personal hygiene practices such as properly handling contaminated clothing, using wash facilities before entering public areas and restricting eating, drinking and smoking to designated areas are essential for preventing personal chemical contamination.

RESPIRATORY PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)
A NIOSH approved air purifying respirator with an appropriate cartridge or canister, such as an organic vapor cartridge, may be used in circumstances where airborne concentrations may exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

9 PHYSICAL & CHEMICAL PROPERTIES

ODOR AND APPEARANCE
CRYSTAL CLEAR TO PALE YELLOW OR GREEN COLORED LIQUID WITH HYDROCARBON ODOR; FOR TAX EXEMPT PURPOSES, THIS FUEL MAY CONTAIN RED DYE

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>325 - 700 °F (163-371 °C)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.835 - 0.9 at 60/60 °F (15.6/15.6 °C)</td>
</tr>
<tr>
<td>Melting Point</td>
<td>-20 °F (-29 °C)</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>100 %</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>2.6 mmHg at 122 °F (50 °C)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>8 (Air=1)</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>6.96 - 7.51 lb./gal. at 60/60 °F (15.6/15.6 °C)</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>INSOLUBLE</td>
</tr>
<tr>
<td>Octanol/Water Partn</td>
<td>ND</td>
</tr>
<tr>
<td>Volatile Organic</td>
<td>ND</td>
</tr>
<tr>
<td>Pour Point</td>
<td>-20 to 10 °F (-29 to -12 °C) [ARCTIC DIESEL &lt; -50 °F (&lt; -45 °C)]</td>
</tr>
<tr>
<td>pH Value</td>
<td>ND</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>ND</td>
</tr>
<tr>
<td>Viscosity</td>
<td>32.6 - 40.1 SUS at 100 °F (38 °C)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>ND</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>ND</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>ND</td>
</tr>
<tr>
<td>Chemical Family</td>
<td>HYDROCARBON MIXTURE</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>ND</td>
</tr>
</tbody>
</table>

10 STABILITY & REACTIVITY

STABILITY/INCOMPATIBILITY
Incompatible with oxidizing agents. See precautions under Handling & Storage (Section 7).
HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS

Combustion may produce COx, NOx, SOx, reactive hydrocarbons, irritating vapors, and other decomposition products in the case of incomplete combustion.

11 TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

Inhalation, ingestion, skin and eye contact.

TOXICOLOGICAL DATA

Acute or chronic overexposure to this material or its components may cause systemic toxicity, including adverse effects to the following: liver and kidney.

Exposure to components of this material may cause the following specific symptoms, depending on the concentration and duration of exposure: irritation of the hair follicles and blockage of the sebaceous glands.

Short-term exposure to diesel emissions can cause lung inflammation and other illnesses, while exacerbating existing allergies and asthma symptoms.

This material may contain benzene. Acute benzene poisoning causes central nervous system depression. Chronic exposure affects the hematopoietic system causing blood disorders including anemia and pancytopenia.

This material may contain naphthalene. Naphthalene can be harmful by any route of exposure. Humans may be more sensitive to naphthalene than laboratory animals. Naphthalene can cause skin and eye irritation and acute central nervous system effects. It can also cause blood effects, including hemolytic and aplastic anemia, cataracts, liver and kidney damage. Following maternal exposure, naphthalene has also been reported to cause fetal blood system, liver and possibly eye damage. In a 2-year lifetime inhalation bioassay, female mice showed a significantly increased incidence of pulmonary alveolar and bronchiolar adenomas. On this basis, NTP has determined that there is some evidence of naphthalene carcinogenicity in female mice. Both male and female mice showed evidence of chronic inflammation and its associated response in the respiratory system.

This material contains toluene. Toluene is an eye, skin, and respiratory tract irritant as well as a central nervous system depressant. Overexposure may result in damage to the brain, liver, kidney, cardiovascular, respiratory and neurological systems. Prolonged and repeated exposure may result in behavioral effects, anemia, and color vision abnormalities, blindness and hearing loss. It has been shown to produce reproductive effects in both humans and laboratory animals. It has also been reported to produce cardiac sensitization. Repeated or prolonged exposure to toluene may result in skin absorption, which may result in toxic effects. IARC has determined that there is inadequate evidence for the carcinogenicity of toluene in humans and experimental animals (IARC Class 3).

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

WARNING: The use of any hydrocarbon fuel in an area without adequate ventilation may result in hazardous levels of combustion products and inadequate oxygen levels.

This material has not been tested as a whole for all potential health effects. Use caution in handling to avoid exposure.
CARCINOGENICITY

IARC has determined that there is limited evidence for the carcinogenicity of fuel oil #2 in experimental animals and inadequate evidence in humans.

Long-term exposure to diesel exhaust may pose a lung cancer hazard, as well as damage the lung in other ways depending on exposure.

Lifetime exposure to whole diesel exhaust has been shown to cause cancer in laboratory animals. NIOSH recommends that whole diesel exhaust be regarded as a potential occupational carcinogen.

This material may contain naphthalene. IARC has determined that there is sufficient evidence for the carcinogenicity of naphthalene in experimental animals and inadequate evidence for the carcinogenicity of naphthalene in humans. (IARC Class 2B)

This material may contain benzene. Benzene is carcinogenic to laboratory animals when given by intubation or by inhalation. There is an association between occupational exposure to benzene and human leukemia. Carcinogenic determinations: IARC human positive and animal suspected carcinogen (IARC Class 1); NTP known carcinogen; ACGIH suspected carcinogen; OSHA carcinogen. (IARC Class 1)

TERATOGENICITY, MUTAGENICITY, OTHER REPRODUCTIVE EFFECTS

This material may contain benzene. Mutagenic and clastogenic in mammalian and non-mammalian test systems. Reproductive or developmental toxicant only at doses that are maternally toxic, based on tests with animals.

This material contains components which may cause adverse reproductive and/or developmental effects.

Pregnant women may be at an increased risk from exposure. Consumption of alcoholic beverages may enhance toxic effects.

PRE-EXISTING CONDITIONS AGGRAVATED BY EXPOSURE

Pre-existing medical conditions which may be aggravated by exposure include disorders of the skin, eye and respiratory system.

12 ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

ND

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This material, as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations due to the material exhibiting a hazardous characteristic under Subpart C of 40 CFR 261. Under RCRA, it is the responsibility of the user of the material to determine, at the time of disposal, whether the material meets RCRA criteria for hazardous waste.

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Disposal can occur only in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Disposal of this material must be conducted in compliance with all federal, state and local regulations.

14 TRANSPORT INFORMATION

ND = No Data NA = Not Applicable Printed On 7/18/2003

Material Id 5465 Trade Name FUEL OIL NO. 2 (LOW SULFUR)
### U. S. Department of Transportation (DOT) Requirements

#### General Transportation Information for Bulk Shipments

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>Fuel Oil (No. 2)</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>Combustible Liquid</td>
</tr>
<tr>
<td>NA/UN Code</td>
<td>NA1993</td>
</tr>
<tr>
<td>Packaging Group</td>
<td>PG III</td>
</tr>
<tr>
<td>Labels Required</td>
<td>None</td>
</tr>
<tr>
<td>Placards Required</td>
<td>Combustible Liquid, NA1993</td>
</tr>
<tr>
<td>Reportable Quantity</td>
<td>See Regulatory Information (Section 15)</td>
</tr>
</tbody>
</table>

#### General Transportation Information for Non-Bulk Shipments

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>Non-Regulated</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>NA</td>
</tr>
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<td>NA/UN Code</td>
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<td>Packaging Group</td>
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<td>Placards Required</td>
<td>NA</td>
</tr>
<tr>
<td>Reportable Quantity</td>
<td>NA</td>
</tr>
</tbody>
</table>

### COMMENTS

Non-bulk shipments of this material are non-regulated for domestic ground transportation when they meet the requirements of 49 CFR 173.150(f).

The above description may not cover shipping in all cases, please consult 49 CFR 100-185 for specific shipping information.

### 15 REGULATORY INFORMATION

#### FEDERAL REGULATIONS

All ingredients are on the TSCA inventory, or are not required to be listed on the TSCA inventory.

Consult OSHA's Benzene standard 29 CFR 1910.1028 for provisions on air monitoring, employee training, medical monitoring, etc.

A release of this material, as supplied, may be exempt from reporting under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA - 40 CFR 302) by the petroleum exclusion. Releases may be reportable to the National Response Center (800-424-8802) under the Clean Water Act, 33 U.S.C. 1321(b)(3) and (5).

This material does not contain toxic chemicals (in excess of the applicable de minimis concentration) that are subject to the annual toxic chemical release reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313 (40 CFR 372).

This material contains one or more substances listed as hazardous air pollutants under Section 112 of the Clean Air Act.

Check local, regional or state/provincial regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Failure to report may result in substantial civil and criminal penalties.
STATE REGULATIONS

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

SARA 311/312 HAZARD CATEGORIES

Immediate Hazard: X Delayed Hazard: X Fire Hazard: X Pressure Hazard: -
Reactivity Hazard: -

NFPA RATINGS

Health 1 Flammability 2 Reactivity 0 Special Hazards -

HMIS RATINGS

Health 2* Flammability 2 Reactivity 0

16 OTHER INFORMATION

DISCLAIMER

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, an MSDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Current Revision Date 18-Jul-2003 Replaces Sheet Dated 25-Jun-2002
Completed By Flint Hills Resources Operations EH&S