

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Substance

**Product Name:** Gas Oil

**1.2. Intended Use of the Product** No additional information available

### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

Countrymark Refining and Logistics, LLC

1200 Refinery Road

Mt. Vernon, Indiana 47620

(812) 838-8165

[CountryMark.com](http://CountryMark.com)

### 1.4. Emergency Telephone Number

**Emergency Number** : Countrymark: (812) 838-8165 (CHEMTREC) (800) 424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### Classification (GHS-US)

Flam. Liq. 4	H227
Acute Tox. 4 (Inhalation:dust,mist)	H332
Skin Irrit. 2	H315
Carc. 2*	H351
STOT RE 2	H373
Asp. Tox. 1	H304
Aquatic Acute 3	H402
Aquatic Chronic 2	H411

Full text of H-phrases: see section 16

\* Fuel oil No. 4 is a confirmed animal carcinogen via dermal exposure, however there is unknown relevance in humans. Diesel particulate matter (DPM) is an IARC class 1 known human carcinogen.

### 2.2. Label Elements

#### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



##### Signal Word (GHS-US)

: Danger

##### Hazard Statements (GHS-US)

: H227 - Combustible liquid.  
 H304 - May be fatal if swallowed and enters airways.  
 H315 - Causes skin irritation.  
 H332 - Harmful if inhaled.  
 H351 - Suspected of causing cancer.  
 H373 - May cause damage to organs through prolonged or repeated exposure.  
 H402 - Harmful to aquatic life.  
 H411 - Toxic to aquatic life with long lasting effects.

##### Precautionary Statements (GHS-US)

: P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.  
 P260 - Do not breathe vapors, mist, or spray.  
 P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves, protective clothing, and eye protection.  
 P301+P310 - If swallowed: Immediately call a poison center or doctor.  
 P302+P352 - If on skin: Wash with plenty of water.  
 P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position

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comfortable for breathing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P312 - Call a poison center or doctor if you feel unwell.  
P314 - Get medical advice/attention if you feel unwell.  
P321 - Specific treatment (see section 4 on this SDS).  
P331 - Do NOT induce vomiting.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.  
P391 - Collect spillage.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

GAS OIL (atmospheric and vacuum) is a liquid petroleum distillate with a viscosity and boiling range between kerosene and lubricating oil. Gas Oils are complex mixtures of relatively high molecular weight compounds. With a boiling point ranging from about 450° to 1,000° F, the typical molecular weight range of the compounds is about 250 to 900. Compound types include asphaltenes, polar aromatics, naphthene-aromatics, saturated hydrocarbons and heteromolecules containing sulfur, oxygen, nitrogen and metals. Gas Oils are complex mixtures that are difficult to characterize in detail. Appreciable concentrations of polynuclear aromatic hydrocarbons could be present in gas oils as a result of the different type crude oils used as a feed stock. Evidence from animal studies indicates that prolonged exposure to various PNAs can cause cancer of the lungs, skin and other organs.

Exposure may aggravate those with pre-existing eye, skin, kidney, liver, pulmonary, or respiratory conditions. Flammable vapors can accumulate in head space of closed systems. Diesel Particulate Matter (DPM) is a component of diesel exhaust both of which can cause headache, dizziness, and irritation to the eyes, nose, and throat. Prolonged exposure to DPM and diesel exhaust can also increase the risk of respiratory, cardiopulmonary, and lung cancer. Contains Sulfur, may release small amounts of hydrogen sulfide. Hydrogen sulfide is a highly flammable, explosive gas under certain conditions, is a toxic gas, and may be fatal. Gas can accumulate in the headspace of closed containers, use caution when opening sealed containers. Heating the product or containers can cause thermal decomposition of the product and release hydrogen sulfide.

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Name : Gas Oil

Name	Product Identifier	%	Classification (GHS-US)
Fuel oil No. 4	(CAS No) 68476-31-3	100	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Carc. 2, H351* STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 2, H411

Full text of H-phrases: see section 16

\* Fuel oil No. 4 is a confirmed animal carcinogen via dermal exposure, however there is unknown relevance in humans. Diesel particulate matter (DPM) is an IARC class 1 known human carcinogen.

### 3.2. Mixture

Not applicable

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

**First-aid Measures After Inhalation:** Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.

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**First-aid Measures After Skin Contact:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before wearing. If skin irritation occurs: Get medical advice/attention.

**First-aid Measures After Eye Contact:** Flush with large amounts of water, lifting upper and lower lids occasionally. Remove contact lenses, if present and easy to do. Get medical attention.

**First-aid Measures After Ingestion:** DO NOT INDUCE VOMITING. Do not give liquids. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Keep person warm, quiet and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonia which can be fatal.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** Harmful if inhaled. Causes skin irritation. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. May cause drowsiness and dizziness. May be fatal if swallowed and enters airways.

**Symptoms/Injuries After Inhalation:** Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation.

**WARNING:** The burning of any hydrocarbon as a fuel in an area without adequate ventilation may result in hazardous levels of combustion products, including carbon monoxide, and inadequate oxygen levels, which may cause unconsciousness, suffocation, and death.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation.

**Symptoms/Injuries After Ingestion:** The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

**Chronic Symptoms:** Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause effects in specific organs such as the liver, kidneys, blood, and nervous system. Suspected of causing cancer.\*

\* Fuel oil No. 4 is a confirmed animal carcinogen via dermal exposure, however there is unknown relevance in humans. Diesel particulate matter (DPM) is an IARC class 1 known human carcinogen.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide (CO<sub>2</sub>)

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Combustible liquid and vapor.

**Explosion Hazard:** May form flammable/explosive vapor-air mixture.

**Reactivity:** Reacts with strong oxidants causing fire and explosion hazard.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Extinguish/cool from behind cover/unmanned monitors. Do not breathe fumes from fires or vapors from decomposition. Do not allow run-off from firefighting to enter drains or water courses.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. – No smoking. Use only outdoors or in a well-ventilated area. Do NOT breathe (vapor, mist, and spray). Do not allow product to spread into the environment.

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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## 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Use only non-sparking tools. Ventilate area. Do not take up in combustible material such as: saw dust or cellulosic material. Absorb and/or contain spill with inert material. Remaining liquid may be taken up on sand, clay, earth, and floor absorbent material and shoveled into non-leaking containers for proper disposal. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Contact competent authorities after a spill.

## 6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable. When heated to decomposition, emits toxic fumes. Diesel Particulate Matter (DPM) is a component of diesel exhaust both of which can cause headache, dizziness, and irritation to the eyes, nose, and throat. Prolonged exposure to DPM and diesel exhaust can also increase the risk of respiratory, cardiopulmonary, and lung cancer. Flammable vapors may accumulate in the head space of closed systems. Container may remain hazardous when empty.

**Precautions for Safe Handling:** Use only outdoors or in a well-ventilated area. Do not handle until all safety precautions have been read and understood. Take precautionary measures against static discharge. Use only non-sparking tools. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Do not breathe vapors, mist, and spray. Use appropriate personal protection equipment (PPE).

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Wash hands and forearms thoroughly after handling. Do not eat, drink or smoke when using this product.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

**Storage Conditions:** Keep all containers in upright position. Store in a dry, cool and well-ventilated place. Keep cool. Keep/Store away from extremely high or low temperatures, ignition sources, direct sunlight, and incompatible materials. Keep in fireproof place. Store locked up. Motors, fans, switches, etc. in area of use or dispensing should be explosion proof.

**Incompatible Products:** Strong acids. Strong bases. Strong oxidizers. Chlorine. Permanganates. Chromates.

**Incompatible Materials:** Heat sources.

**Special Rules on Packaging:** Gas can accumulate in the headspace of closed containers, use caution when opening sealed containers. Heating the product or containers can cause thermal decomposition of the product and release hydrogen sulfide.

### 7.3. Specific End Use(s) No use is specified

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

Fuel oil No. 4 (68476-31-3)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup> (inhalable fraction and vapor)
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans

### 8.2. Exposure Controls

#### Appropriate Engineering Controls

: Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas. Gas detectors should be used when flammable gases/vapors may be released. Gas detectors should be used when toxic gases may be released. Ensure all national/local regulations are observed. Have written confined space and tank entry procedures. Never allow tank entry without checking OXYGEN AND VAPOR levels. WARNING: Hydrogen sulfide (H<sub>2</sub>S) and other hazardous vapors may evolve and collect in the headspace of storage tanks or other enclosed vessels. Hydrogen sulfide is an extremely flammable and highly toxic gas. Use safety harness and safety line on person entering a tank. Stand-by person required with protective equipment available.

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**Personal Protective Equipment** : Safety glasses with side-shields. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing** : Chemically and fire/flame resistant/retardant materials and fabrics.  
**Hand Protection** : Wear chemically resistant protective gloves such as neoprene or nitrile.  
**Eye Protection** : Safety glasses with sideshields. Where splashing is possible, wear faceshield and goggles.

**Skin and Body Protection** : Wear suitable protective clothing.  
**Respiratory Protection** : Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

**Thermal Hazard Protection** : When working with hot material, use suitable thermally protective clothing.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

**Physical State** : Liquid  
**Appearance** : Amber, greenish or dark-colored high viscosity liquid requiring heated storage to enable pumpability.  
**Odor** : Distinct petroleum odor  
**Odor Threshold** : No data available  
**pH** : No data available  
**Evaporation Rate** : No data available  
**Melting Point** : No data available  
**Freezing Point** : No data available  
**Boiling Point** : 450 - 1000 °F (232.22 - 537.78 °C)  
**Flash Point** : > 150 °F (> 65.56 °C)  
**Auto-ignition Temperature** : No data available  
**Decomposition Temperature** : No data available  
**Flammability (solid, gas)** : No data available  
**Vapor Pressure** : < 10 mm Hg @ 60°F  
**Relative Vapor Density at 20 °C** : No data available  
**Relative Density** : No data available  
**Specific Gravity** : .85 - 1.05 @ 60°F  
**Solubility** : Insoluble in water.  
**Partition Coefficient: N-Octanol/Water** : No data available  
**Viscosity** : 25 - 600 SUS @ 100°F

### 9.2. Other Information

**VOC content** : 100 %

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Reacts with strong oxidants causing fire and explosion hazard.  
**10.2. Chemical Stability:** Combustible liquid and vapor. May form flammable/explosive vapor-air mixture.  
**10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.  
**10.4. Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Incompatible materials.  
**10.5. Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers. Chlorine. Permanganates. Chromates.  
**10.6. Hazardous Decomposition Products:** May release flammable gases. Carbon oxides (CO, CO<sub>2</sub>). Hydrocarbons. Sulfur oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

**Acute Toxicity:** Inhalation:dust,mist: Harmful if inhaled.

Gas Oil	
<b>ATE (Dust/Mist)</b>	1.50 mg/l/4h

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Fuel oil No. 4 (68476-31-3)	
LD50 Oral Rat	≈ 7600 mg/kg
LD50 Dermal Rabbit	> 4300 mg/kg
ATE (Gases)	4,500.00 ppmV/4h
ATE (Vapors)	11.00 mg/l/4h
ATE (Dust/Mist)	1.50 mg/l/4h

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Suspected of causing cancer.

Fuel oil No. 4 (68476-31-3)	
IARC group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Symptoms/Injuries After Inhalation:** Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation.

**WARNING:** The burning of any hydrocarbon as a fuel in an area without adequate ventilation may result in hazardous levels of combustion products, including carbon monoxide, and inadequate oxygen levels, which may cause unconsciousness, suffocation, and death.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation.

**Symptoms/Injuries After Ingestion:** The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

**Chronic Symptoms:** Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause effects in specific organs such as the liver, kidneys, blood, and nervous system. Suspected of causing cancer.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

Fuel oil No. 4 (68476-31-3)	
LC50 Fish 1	35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

**12.2. Persistence and Degradability** No additional information available

**12.3. Bioaccumulative Potential** No additional information available

**12.4. Mobility in Soil** No additional information available

**12.5. Other Adverse Effects**

No additional information available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Additional Information:** Handle empty containers with care because residual vapors are flammable. Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

**Ecology – Waste Materials:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. In Accordance with DOT

**Proper Shipping Name** : COMBUSTIBLE LIQUID, N.O.S. (Fuel oil No. 4)

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**Identification Number** : NA1993  
**Packing Group** : III  
**Marine Pollutant** : Marine pollutant  
**ERG Number** : 128

## 14.2. In Accordance with IMDG

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fuel oil No. 4)  
**Hazard Class** : 9  
**Identification Number** : UN3082  
**Packing Group** : III  
**Label Codes** : 9  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-F  
**Marine Pollutant** : Marine pollutant



## 14.3. In Accordance with IATA

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fuel oil No. 4)  
**Packing Group** : III  
**Identification Number** : UN3082  
**Hazard Class** : 9  
**Label Codes** : 9  
**ERG Code (IATA)** : 9L



## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal Regulations

<b>Gas Oil</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard
<b>Fuel oil No. 4 (68476-31-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

**15.2 US State Regulations** Neither this product nor its chemical components appear on any US state lists.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 08/11/2015  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation: dust,mist)	Acute toxicity (inhalation: dust,mist) Category 4
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H226	Flammable liquid and vapor
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H332	Harmful if inhaled
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H402	Harmful to aquatic life

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H411

Toxic to aquatic life with long lasting effects

## NFPA Health Hazard

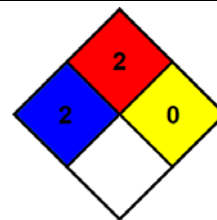
: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

## NFPA Fire Hazard

: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

## NFPA Reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



## HMIS III Rating

### Health

: 2 Moderate Hazard - Temporary or minor injury may occur

### Flammability

: 2 Moderate Hazard

### Physical

: 0 Minimal Hazard

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)