

Safety Data Sheet P-19-6378

according to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication.

Date of issue: 01/01/2009 Revision date: 01/27/2015

# **SECTION: 1. Product and company identification**

**Product identifier** 

Product form : Substance

Name StarFlame C Cutting Fuel

CAS No 74-98-6 Formula C3H8

Other means of identification : Liquefied Petroleum Gas

## Relevant identified uses of the substance or mixture and uses advised against

: Industrial use. Use as directed. Use of the substance/mixture

## Details of the supplier of the safety data sheet

Praxair, Inc.

39 Old Ridgebury Road

Danbury, CT 06810-5113 - USA

T 1-800-772-9247 (1-800-PRAXAIR) - F 1-716-879-2146

www.praxair.com

### **Emergency telephone number**

**Emergency number** : Onsite Emergency: 1-800-645-4633

CHEMTREC, 24hr/day 7days/week — Within USA: 1-800-424-9300, Outside USA: 001-703-

527-3887 (collect calls accepted, Contract 17729)

### **SECTION 2: Hazards identification**

### Classification of the substance or mixture

## **Classification (GHS-US)**

Flam, Gas 1 H220 Liquefied gas H280

Full text of H-phrases: see section 16

#### 2.2. **Label elements**

# **GHS-US** labeling

Hazard pictograms (GHS-US)





GHS04

Signal word (GHS-US) : DANGER

Hazard statements (GHS-US) : H220 - EXTREMELY FLAMMABLE GAS

H280 - CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED OSHA-H01 - MAY DISPLACE OXYGEN AND CAUSE RAPID SUFFOCATION.

CGA-HG04 - MAY FORM EXPLOSIVE MIXTURES WITH AIR

CGA-HG01 - MAY CAUSE FROSTBITE.

: P202 - Do not handle until all safety precautions have been read and understood Precautionary statements (GHS-US)

P210 - Keep away from heat, Open flames, sparks, hot surfaces. - No smoking P271+P403 - Use and store only outdoors or in a well-ventilated place. P377 - Leaking gas fire: Do not extinguish, unless leak can be stopped safely

P381 - Eliminate all ignition sources if safe to do so

CGA-PG05 - Use a back flow preventive device in the piping.

CGA-PG12 - Do not open valve until connected to equipment prepared for use.

CGA-PG06 - Close valve after each use and when empty.

CGA-PG11 - Never put cylinders into unventilated areas of passenger vehicles. CGA-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F).

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2.3. Other hazards

Other hazards not contributing to the classification

: Contact with liquid may cause cold burns/frostbite.

2.4. Unknown acute toxicity (GHS-US)

No data available

### **SECTION 3: Composition/information on ingredients**

### 3.1. Substance

| Name                   | Product identifier | %    |
|------------------------|--------------------|------|
| Propane                | (CAS No) 74-98-6   | 99.5 |
| Chemtane 2 Concentrate | None assigned      | 0.5  |

### 3.2. Mixture

Not applicable

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures after inhalation

: Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped.

First-aid measures after skin contact

For exposure to liquid, immediately warm frostbite area with warm water not to exceed 105°F (41°C). Water temperature should be tolerable to normal skin. Maintain skin warming for at least 15 minutes or until normal coloring and sensation have returned to the affected area. In case of massive exposure, remove clothing while showering with warm water. Seek medical evaluation and treatment as soon as possible.

First-aid measures after eye contact

: Immediately flush eyes thoroughly with water for at least 15 minutes. Hold the eyelids open and away from the eyeballs to ensure that all surfaces are flushed thoroughly. Get immediate

medical attention.

First-aid measures after ingestion

: Ingestion is not considered a potential route of exposure.

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

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

None.

## **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

Suitable extinguishing media

: Carbon dioxide, dry chemical powder, water spray, fog.

# 5.2. Special hazards arising from the substance or mixture

Fire hazard

: EXTREMELY FLAMMABLE GAS. If venting or leaking gas catches fire, do not extinguish flames. Flammable vapors may spread from leak, creating an explosive reignition hazard. Vapors can be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge, or other ignition sources at locations distant from product handling point. Explosive atmospheres may linger. Before entering an area, especially a confined area, check the atmosphere with an appropriate device.

Explosion hazard

: EXTREMELY FLAMMABLE GAS. Forms explosive mixtures with air and oxidizing agents.

Reactivity : No reactivity hazard other than the effects described in sub-sections below.

### 5.3. Advice for firefighters

Firefighting instructions

: Evacuate all personnel from the danger area. Use self-contained breathing apparatus (SCBA) and protective clothing. Immediately cool containers with water from maximum distance. Stop flow of gas if safe to do so, while continuing cooling water spray. Remove ignition sources if safe to do so. Remove containers from area of fire if safe to do so. On-site fire brigades must comply with OSHA 29 CFR 1910.156 and applicable standards under 29 CFR 1910 Subpart L—Fire Protection.

Protection during firefighting

: Compressed gas: asphyxiant. Suffocation hazard by lack of oxygen.

Special protective equipment for fire fighters

: Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters.

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Specific methods

: Use fire control measures appropriate for the surrounding fire. Exposure to fire and heat radiation may cause gas containers to rupture. Cool endangered containers with water spray jet from a protected position. Prevent water used in emergency cases from entering sewers and drainage systems.

Stop flow of product if safe to do so.

Use water spray or fog to knock down fire fumes if possible.

Other information : Containers are equipped with a pressure relief device. (Exceptions may exist where authorized

by DOT.).

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Wear self-contained breathing apparatus when entering area unless atmosphere is proven to be safe. Evacuate area. Ensure adequate air ventilation. Stop leak if safe to do so.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Try to stop release.

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

See also sections 8 and 13.

## **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Precautions for safe handling

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Use only explosion-proof equipment.

Wear leather safety gloves and safety shoes when handling cylinders. Protect cylinders from physical damage; do not drag, roll, slide or drop. While moving cylinder, always keep in place removable valve cover. Never attempt to lift a cylinder by its cap; the cap is intended solely to protect the valve. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Never insert an object (e.g., wrench, screwdriver, pry bar) into cap openings; doing so may damage the valve and cause a leak. Use an adjustable strap wrench to remove over-tight or rusted caps. Slowly open the valve. If the valve is hard to open, discontinue use and contact your supplier. Close the container valve after each use; keep closed even when empty. Never apply flame or localized heat directly to any part of the container. High temperatures may damage the container and could cause the pressure relief device to fail prematurely, venting the container contents. For other precautions in using this product, see section 16.

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### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store only where temperature will not exceed 125°F (52°C). Post "No Smoking or Open Flames" signs in storage and use areas. There must be no sources of ignition. Separate packages and protect against potential fire and/or explosion damage following appropriate codes and requirements (e.g., NFPA 30, NFPA 55, NFPA 70, and/or NFPA 221 in the U.S.) or according to requirements determined by the Authority Having Jurisdiction (AHJ). Always secure containers upright to keep them from falling or being knocked over. Install valve protection cap, if provided, firmly in place by hand when the container is not in use. Store full and empty containers separately. Use a first-in, first-out inventory system to prevent storing full containers for long periods. For other precautions in using this product, see section 16.

OTHER PRECAUTIONS FOR HANDLING, STORAGE, AND USE: When handling product under pressure, use piping and equipment adequately designed to withstand the pressures to be encountered. Never work on a pressurized system. Use a back flow preventive device in the piping. Gases can cause rapid suffocation because of oxygen deficiency; store and use with adequate ventilation. If a leak occurs, close the container valve and blow down the system in a safe and environmentally correct manner in compliance with all international, federal/national, state/provincial, and local laws; then repair the leak. Never place a container where it may become part of an electrical circuit.

### 7.3. Specific end use(s)

None.

# SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Propane (74-98-6)      |                        |            |
|------------------------|------------------------|------------|
| USA OSHA               | OSHA PEL (TWA) (mg/m³) | 1800 mg/m³ |
| USA OSHA               | OSHA PEL (TWA) (ppm)   | 1000 ppm   |
| ACGIH                  | Not established        |            |
| Chemtane 2 Concentrate |                        |            |
| ACGIH                  | Not established        |            |
| USA OSHA               | Not established        |            |

### 8.2. Exposure controls

Appropriate engineering controls

: An explosion-proof local exhaust system or a mechanical system is acceptable if it can prevent oxygen deficiency and keep hazardous fumes and gases below all applicable exposure limits in the worker's breathing area. During welding, ensure that there is adequate ventilation to keep worker exposure below applicable limits for fumes, gases, and other by-products of welding. Do not breathe fumes or gases. Short-term overexposure to fumes may cause dizziness, nausea, and dryness or irritation of the nose, throat, and eyes, or may cause other similar discomfort.

Eye protection

: Wear safety glasses with side shields.

Skin and body protection

: As needed for welding, wear hand, head, and body protection to help prevent injury from radiation and sparks. (See ANSI Z49.1.) At a minimum, this includes welder's gloves and protective goggles, and may include arm protectors, aprons, hats, and shoulder protection as well as substantial clothing.

Respiratory protection

: When workplace conditions warrant respirator use, follow a respiratory protection program that meets OSHA 29 CFR 1910.134, ANSI Z88.2, or MSHA 30 CFR 72.710 (where applicable). Use an air-supplied or air-purifying cartridge if the action level is exceeded. Ensure that the respirator has the appropriate protection factor for the exposure level. If cartridge type respirators are used, the cartridge must be appropriate for the chemical exposure (e.g., an organic vapor cartridge). For emergencies or instances with unknown exposure levels, use a self-contained breathing apparatus (SCBA).

Thermal hazard protection

: Wear cold insulating gloves when transfilling or breaking transfer connections.

Environmental exposure controls

: Refer to local regulations for restriction of emissions to the atmosphere. See section 13 for specific methods for waste gas treatment.

Other information

: Consider the use of flame resistant anti-static safety clothing. Wear safety shoes while handling containers.

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Odor threshold

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No data available

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# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Gas

Appearance : Colorless gas.

Molecular mass : 44 g/mol

Color : Colorless.

Odor : Odorant often added.;Sweetish.

рН : Not applicable. Relative evaporation rate (butyl acetate=1) : No data available Relative evaporation rate (ether=1) : Not applicable. : -188 °C Melting point Freezing point : -187.69 °C Boiling point : -42.04 °C : -104 °C TCC Flash point Critical temperature : 96.7 °C : 450 °C Auto-ignition temperature

Decomposition temperature : No data available
Flammability (solid, gas) : 2.1 - 9.5 vol %
Vapor pressure : 830 kPa
Critical pressure : 4248 kPa

Relative vapor density at 20 °C : No data available

Relative density : 0.5077

Specific gravity / density : 4.183 kg/m³ Vapor density @ 70°F (21.1°C)

Relative gas density : 1.55

Solubility : Water: 75 mg/l

Log Pow : 2.36

Log Kow: Not applicable.Viscosity, kinematic: Not applicable.Viscosity, dynamic: Not applicable.Explosive properties: Not applicable.

Oxidizing properties : None.

Explosive limits : No data available

9.2. Other information

Gas group : Liquefied gas

Additional information : Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground

level.

# **SECTION 10: Stability and reactivity**

10.1. Reactivity

No reactivity hazard other than the effects described in sub-sections below.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Can form explosive mixture with air. May react violently with oxidants.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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10.5. Incompatible materials

Air, Oxidizer. chlorine dioxide.

10.6. Hazardous decomposition products

Thermal decomposition or burning may produce carbon monoxide, carbon dioxide, and hydrogen. The welding and cutting process may form reaction products such as carbon monoxide and carbon dioxide. Other decomposition products of normal operation originate from the volatilization, reaction, or oxidation of the material being worked.

### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

StarFlame C Cutting Fuel (\f)74-98-6

Acute toxicity : Not classified

| LC50 inhalation rat (mg/l) | 658 mg/l/4h     |  |
|----------------------------|-----------------|--|
| ATE US (vapors)            | 658.000 mg/l/4h |  |
| ATE US (dust, mist)        | 658.000 mg/l/4h |  |
| Propane (74-98-6)          |                 |  |
| LC50 inhalation rat (mg/l) | 658 mg/l/4h     |  |
| ATE US (vapors)            | 658.000 mg/l/4h |  |
| ATE US (dust, mist)        | 658.000 mg/l/4h |  |

Skin corrosion/irritation : Not classified

pH: Not applicable.

Serious eye damage/irritation : Not classified

pH: Not applicable.

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated : Not classified

exposure)

No known effects from this product.

Aspiration hazard : Not classified

Not applicable.

# **SECTION 12: Ecological information**

### 12.1. Toxicity

Ecology - general : No ecological damage caused by this product.

# 12.2. Persistence and degradability

| Log Pow                       | 2.36  |
|-------------------------------|---|
| Log Kow                       | Not applicable.   |
| Bioaccumulative potential     | Not expected to bioaccumulate due to the low log Kow (log Kow < 4). Refer to section 9. |
| Persistence and degradability | The substance is biodegradable. Unlikely to persist.                                    |

# 12.3. Bioaccumulative potential

| Log Pow                   | 2.36  |
|---------------------------|---|
| Log Kow                   | Not applicable.   |
| Bioaccumulative potential | Not expected to bioaccumulate due to the low log Kow (log Kow < 4). Refer to section 9. |

# 12.4. Mobility in soil

| 12.4. WODINLY III 3011 |                    |
|------------------------|--------------------|
|                        |                    |
| Mobility in soil       | No data available. |

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Ecology - soil Because of its high volatility, the product is unlikely to cause ground or water pollution.

Other adverse effects 12.5.

Effect on ozone laver : None.

: No known ecological damage caused by this product. Effect on the global warming

Effect on the global warming : No known effects from this product.

# **SECTION 13: Disposal considerations**

### Waste treatment methods

: Dispose of contents/container in accordance with local/regional/national/international Waste disposal recommendations

regulations. Contact supplier for any special requirements.

# **SECTION 14: Transport information**

In accordance with DOT

Transport document description : UN1075 Petroleum gases, liquefied, 2.1

UN-No.(DOT) : UN1075

Proper Shipping Name (DOT) : Petroleum gases, liquefied

Department of Transportation (DOT) Hazard

Classes

: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115

Hazard labels (DOT) : 2.1 - Flammable gas



DOT Special Provisions (49 CFR 172.102)

: T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter.

## **Additional information**

Emergency Response Guide (ERG) Number : 115 (UN1075)

Other information : No supplementary information available.

Special transport precautions : Avoid transport on vehicles where the load space is not separated from the driver's

compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: - Ensure there is adequate ventilation. - Ensure that containers are firmly secured. - Ensure cylinder valve is closed and not leaking. - Ensure valve outlet cap nut or plug (where provided)

is correctly fitted. - Ensure valve protection device (where provided) is correctly fitted.

## Transport by sea

UN-No. (IMDG) : 1075

Proper Shipping Name (IMDG) : PETROLEUM GASES, LIQUEFIED

Class (IMDG) : 2 - Gases MFAG-No 115

Air transport

: 1075 UN-No.(IATA)

Proper Shipping Name (IATA) : Petroleum gases, liquefied

Class (IATA)

Civil Aeronautics Law : Gases under pressure/Gases flammable under pressure

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# **SECTION 15: Regulatory information**

# 15.1. US Federal regulations

Propane is listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SARA Section 311/312 Hazard Classes Immediate (acute) health hazard Sudden release of pressure hazard

Fire hazard

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

### **CANADA**

| Propane (74-98-6)                                     |  |
|---|--|
| Listed on the Canadian DSL (Domestic Substances List) |  |
| WHMIS Classification                                  | Class A - Compressed Gas<br>Class B Division 1 - Flammable Gas |

# Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Gas 1 H220 Liquefied gas H280

Full text of H-phrases: see section 16

### 15.2.2. National regulations

### Propane (74-98-6)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

# 15.3. US State regulations

| Propane (74-98-6)  |  |
|--|--|
| U.S California - Proposition 65 - Carcinogens List               | No   |
| U.S California - Proposition 65 - Developmental Toxicity         | No   |
| U.S California - Proposition 65 - Reproductive Toxicity - Female | No   |
| U.S California - Proposition 65 - Reproductive Toxicity - Male   | No   |
| State or local regulations                                       | U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List |

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

| Propane (74-98-6)  |  |   |  |                                   |
|--|--|---|--|-----------------------------------|
| U.S California -<br>Proposition 65 -<br>Carcinogens List | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity - Male | No significance risk level (NSRL) |
| No   | No   | No  | No   |                                   |

# Propane (74-98-6)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

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### Propane (74-98-6)

U.S. - Pennsylvania - RTK (Right to Know) List

### **SECTION 16: Other information**

Revision date
Other information

: 1/27/2015 12:00:00 AM

: When using this product in welding and cutting, read and understand the manufacturer's instructions and the precautionary label on the product. Ask your welding products supplier for a copy of Praxair's free safety booklet, P-2035, Precautions and Safe Practices for Gas Welding, Cutting, and Heating, and for other manufacturers' safety publications. For a detailed treatment, get ANSI Z49.1, Safety in Welding, Cutting, and Allied Processes, published by the American Welding Society (AWS), www.aws.org. Order AWS documents from Global Engineering Documents, global.ihs.com. Arcs and sparks can ignite combustible materials. Prevent fires. Refer to NFPA 51B, Standard for Fire Prevention During Welding, Cutting, and Other Hotwork. Do not strike an arc on the container. The defect produced by an arc burn may lead to container rupture.

Fumes and gases produced during welding and cutting processes can be dangerous to your health and may cause serious lung disease. KEEP YOUR HEAD OUT OF FUMES. DO NOT BREATHE FUMES AND GASES. Use enough ventilation, local exhaust, or both to keep fumes and gases from your breathing zone and the general area. Short-term overexposure to fumes may cause dizziness, nausea, and dryness or irritation of the nose, throat, and eyes; or may cause other similar discomfort. Contaminants in the air may add to the hazard of fumes and gases.

When you mix two or more chemicals, you can create additional, unexpected hazards. Obtain and evaluate the safety information for each component before you produce the mixture. Consult an industrial hygienist or other trained person when you evaluate the end product. Before using any plastics, confirm their compatibility with this product.

Praxair asks users of this product to study this SDS and become aware of the product hazards and safety information. To promote safe use of this product, a user should (1) notify employees, agents, and contractors of the information in this SDS and of any other known product hazards and safety information, (2) furnish this information to each purchaser of the product, and (3) ask each purchaser to notify its employees and customers of the product hazards and safety information.

The opinions expressed herein are those of qualified experts within Praxair, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use are not within the control of Praxair, Inc., it is the user's obligation to determine the conditions of safe use of the product.

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### Full text of H-phrases:

| at of 11 philaded. |  |
|--------------------|--|
| Aquatic Acute 3    | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Carc. 1A           | Carcinogenicity Category 1A                                    |
| Flam. Gas 1        | Flammable gases Category 1                                     |
| Flam. Liq. 2       | Flammable liquids Category 2                                   |
| Liquefied gas      | Gases under pressure Liquefied gas                             |
| Repr. 2            | Reproductive toxicity Category 2                               |
| Skin Irrit. 2      | Skin corrosion/irritation Category 2                           |
| STOT RE 2          | Specific target organ toxicity (repeated exposure) Category 2  |
| STOT SE 3          | Specific target organ toxicity (single exposure) Category 3    |
| H220               | EXTREMELY FLAMMABLE GAS  |

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| H225 | HIGHLY FLAMMABLE LIQUID AND VAPOR                                 |
|------|---|
| H280 | CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED                |
| H315 | CAUSES SKIN IRRITATION  |
| H336 | MAY CAUSE DROWSINESS OR DIZZINESS                                 |
| H350 | MAY CAUSE CANCER  |
| H361 | Suspected of damaging fertility or the unborn child               |
| H373 | MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE |
| H402 | HARMFUL TO AQUATIC LIFE   |

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt

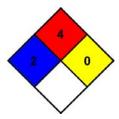
medical attention is given.

NFPA fire hazard : 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn

readily.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions,

and are not reactive with water.



### **HMIS III Rating**

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 4 Severe Hazard
Physical : 2 Moderate Hazard

SDS US (GHS HazCom 2012) - Praxair

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.