

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Steel Brand Lubricant
Product Number: 225603
Company Information: SFRDG
1000 Abernathy Rd NE, Suite 1700
Atlanta, GA 30328 United States
Company Phone: (844) 837-4848
Emergency Telephone US: (866) 836-8855
Emergency Telephone Outside US: (952) 852-4646
Version: 01
Recommended Use: Lubricant
Recommended Restrictions: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL

2. HAZARD IDENTIFICATION

Physical Hazards Flammable aerosols Category 1
Health Hazards Aspiration Hazard Category 1

Label Elements



Signal Word: Danger
Hazard Statement: Extremely flammable aerosol. May cause an allergic skin reaction.
Precautionary Statement:
Precautions: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.
Response: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.
Storage: Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental Information: None
Hazard(s) not otherwise classified (HNOC): None Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENT(S) | CAS NUMBER | WEIGHT% |
|---|------------|----------|
| Distillates (Petroleum), Hydrotreated Light | 64742-47-8 | 40 – 60 |
| Diethylene Glycol Monobutyl Ether | 112-34-5 | 2.5 – 10 |
| Propane | 74-98-6 | 2.5 – 10 |

Other components below reportable levels 20 – 40
EXACT PERCENTAGES ARE BEING WITHHELD AS TRADE SECRET INFORMATION

4. FIRST-AID MEASURES

Inhalation: If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

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Skin Contact: Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye Contact: Rinse with water. Get medical attention if irritation develops and persists.
Ingestion: Rinse mouth. Get medical attention if symptoms occur.
Most Important Symptoms/Effects: Aspiration may cause pulmonary edema and pneumonitis.
NOTE TO PHYSICIAN: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol resistant foam. Powder. Dry Chemicals. Carbon Dioxide (CO₂).
Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards Arising from the chemical: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special Protective Equipment And Precautions for Firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-Fighting Equipment/Instructions: In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific Methods: Cool containers exposed to flames with water until well after the fire is out.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Environmental Precautions: Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
Clean-Up Methods: Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Do not re-use empty containers. Do not get in eyes, on skin, on clothing. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Wear

appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Storage:

Level 3 Aerosol. Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. 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. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

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

| Component | Type | Value |
|-----------------------|------|------------------------------------|
| Propane (CAS 74-98-6) | PEL | 1800 mg/m ³ 1000 ppm |

US ACGIH Threshold Limit Values

| Component | Type | Value |
|--|------|--------|
| Diethylene Glycol Monobutyl Ether (CAS 112-34-5) | TWA | 10 ppm |

US NIOSH: Pocket Guide to Chemical Hazards Components

| Component | Type | Value |
|-----------------------|------|------------------------------------|
| Propane (CAS 74-98-6) | TWA | 1800 mg/m ³ 1000 ppm |

Engineering Controls:

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Personal Protective Equipment:

Eyes: If contact is likely, safety glasses with side shields are recommended.
 Hands: Wear appropriate chemical resistant gloves.
 Respiratory: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
 Feet: Wear appropriate chemical resistant clothing.
 Body: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

General Hygiene Considerations:

When using, do not smoke. Always observe good personal hygiene measures such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

| | |
|---|--------------------------|
| Physical State | Liquefied gas. |
| Form | Aerosol. |
| Color | Dark Brown |
| Odor | Solvent |
| Odor Threshold | Not Available |
| pH | Not an aqueous solution. |
| Melting point/Freezing point | Not Available |
| Initial boiling point and boiling range | Not Available |

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| | |
|--|--|
| Flash Point | -156°F (-104.4°C) Propellant estimated |
| Evaporation Rate | Not Available |
| Flammability (solid, gas) | Not Available |
| Upper/Lower flammability or explosive limits | |
| Flammability Limit – Lower (%) | Not Available |
| Flammability Limit – Upper (%) | Not Available |
| Explosive Limit – Lower (%) | Not Available |
| Explosive Limit – Upper (%) | Not Available |
| Vapor Pressure | 40 – 60 psig @70°F |
| Vapor Density | Not Available |
| Relative Density | Not Available |
| Solubility (Water) | Not Available |
| Partition Coefficient | Not Available |
| Auto-Ignition Temperature | Not Available |
| Decomposition Temperature | Not Available |
| Viscosity | Not Available |
| Specific Gravity | 0.841 |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Chemical Stability | Material is stable under normal conditions. |
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Possibility of Hazardous Reactions | Hazardous polymerization does not occur. |
| Conditions to Avoid | Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. |
| Incompatible Materials | Strong oxidizing agents. |
| Hazardous Decomposition Products | No hazardous decomposition products are known. |

11. TOXICOLOGICAL INFORMATION

Information of Routes of Exposure: No LC50/LD50 Test Data on Mixture Available

| | |
|---|--|
| Acute Effects/Symptoms: | |
| Eyes: | Direct contact with eyes may cause temporary irritation. |
| Skin: | No adverse effects due to skin contact are expected. |
| Ingestion: | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |
| Inhalation: | May cause damage to organs through prolonged or repeated exposure by inhalation. |
| Carcinogens: | Risk of cancer cannot be excluded with prolonged exposure. |
| Germ Cell Mutagenicity: | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Respiratory Sensitizer: | This product is not expected to cause respiratory sensitization. |
| Skin Sensitizer: | This product is not expected to cause skin sensitization. |
| Reproductive Toxicity: | This product is not expected to cause reproductive or developmental effects. |
| Specific Target Organs (Single/Repeated): | Not classified. |
| Aspiration Hazard: | May be fatal if swallowed and enters airways. |

12. ECOLOGICAL INFORMATION

Ecotoxicity/Chemical Fate: Not Test Data on Mixture Available

13. DISPOSAL CONSIDERATION

Disposal Method: Dispose of contents in accordance with all federal, state, and local applicable laws and regulations. Consult state and local authorities for restrictions on disposal of chemical waste. Manage chemical wastes through an approved waste treatment facility. Pressurized container: Do not pierce or burn, even after

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use. Do not incinerate. When contents are depleted continue to depress button until all gas is expelled. Aerosol cylinder is not refillable. Give to a disposal service equipped to safely dispose of pressurized containers. Please recycle packaging whenever possible.

14. TRANSPORTATION INFORMATION

DOT/IMDG/TDG

UN1950, Aerosols, flammable, 2.1, LTD. QTY.

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 US EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not Regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not Listed.

SARA 304 Emergency Release Notification
Not Regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not Listed.

Superfund Amendments and Reauthorized Act of 1986 (SARA)

Hazard Categories
Immediate Hazard – Yes
Delayed Hazard – No
Fire Hazard – Yes
Pressure Hazard – Yes
Reactivity Hazard – No

SARA 302 Extremely Hazardous Substance
Not listed

SARA 311/312 Hazardous Chemical
No

SARA 313 (TRI Reporting)
Not Regulated.

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not Regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)
Not Regulated.

US State Regulations

US Massachusetts RTK – Substance List
Propane (CAS 74-98-6)

US New Jersey Worker and Community Right-To-Know Act
Propane (CAS 74-98-6)

US Pennsylvania Worker and Community Right-To-Know Law
Propane (CAS 74-98-6)

US Rhode Island RTK
Propane (CAS 74-98-6)

US California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. OTHER INFORMATION

Issue Date: 03-30-2016

Version: 01

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a

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guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.