



# SAFETY DATA SHEET


CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD  
(HCS) 29 CFR 1910.1200

Page 1 of 5  
Revision Date 6/1/2015  
Supersedes Date 1/8/2014

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** Food-Grade Penetrating Lubricating Spray Oil  
**Part number:** 575052
- 1.2 Identified uses:** Lubricant where there may be incidental food contact  
**Uses advised against:** Not intended for direct food contact. Other uses advised against may be specified elsewhere in this SDS.
- 1.3 Supplier:** John Bean Technologies Corporation  
1660 Iowa Avenue, Suite 100  
Riverside, CA 92507 USA
- Email contact:**  
**Non-emergency contact:** Phone: Riverside, CA 951-222-2300 Visalia, CA 559-651-8300
- 1.4 Emergency telephone:** CHEMTREC: North America 800-424-9300  
International +01-703-527-3887 Collect

## SECTION 2. HAZARDS IDENTIFICATION

- 2.1 GHS Classification:**  
**Hazard class(es):** Flammable Aerosol Cat. 1
- 2.2 Label elements**  
**Pictograms:** 
- Signal word:** Danger
- Hazard-determining components of labeling:** Not applicable
- Hazard statements:** Extremely flammable aerosol.
- Precautionary statements:** 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. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
- Additional information:** Not applicable
- 2.3 Other hazards**  
**Results of PBT and vPvB assessment**  
**PBT:** Not applicable  
**vPvB:** Not applicable

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

- | 3.1 Composition | Components                               | %      | CAS #      | Impurities |
|-----------------|--|--------|------------|------------|
|                 | Naphtha (petroleum), hydrotreated heavy* | 25-50  | 64742-48-9 | None       |
|                 | Propane                                  | 2.5-10 | 74-98-6    | None       |
|                 | Butane                                   | 2.5-10 | 106-97-8   | None       |
|                 | Naphtha (petroleum), hydrotreated light* | 2.5-10 | 64742-49-0 | None       |
- 3.2 Additional information** \*Contains less than 0.1 % w/w benzene.

## SECTION 4. FIRST AID MEASURES

- 4.1 First aid measures**
- Eye contact:** Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.
- Skin contact:** Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.
- Ingestion:** If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.
- Inhalation:**

immediately.

**4.2 Most important symptoms and effects, both acute and delayed.** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment available.** No further relevant information available.

**4.4 General information**

## SECTION 5. FIREFIGHTING MEASURES

**5.1 Suitable extinguishing media:** Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.

**Unsuitable extinguishing media:** Do not use direct stream of water.

**5.2 Special hazards:** Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.

**5.3 Advice for firefighters:** Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined space or as otherwise needed.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:** Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.

**6.3 Containment and clean-up:**  
**Land spill:** Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.  
**Water spill:** Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

**6.4 Reference to other sections:** See Section 7 for information on safe handling. See Section 8 for information on personal protective equipment.

## SECTION 7. HANDLING AND STORAGE

**7.1 Handling:** Keep away from heat and direct sunlight. Keep away from ignition sources - Do not smoke. Protect against electrostatic discharges. Ensure good ventilation/exhaustion at the workplace.

**See Section 8.2 for information on occupational hygiene.**

**7.2 Storage:** Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Observe official regulations on storing packagings with pressurized containers. Store away from oxidizing agents. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Rotate stock.

**See Section 10 for information on conditions and materials to avoid.**

**7.3 End Uses:** Refer to Section 1 for identified uses, and uses advised against.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| <b>8.1 Workplace exposure limits:</b> | <b>Components</b>                        | <b>Exposure limit and source</b>  |
|---------------------------------------|--|---|
|                                       | Naphtha (petroleum), hydrotreated heavy* | Not available   |
|                                       | Propane                                  | Not available   |
|                                       | Butane                                   | Long-term value = 1810 mg/m <sup>3</sup> , 750 ppm<br>Short-term value = 1450 mg/m <sup>3</sup> , 600 ppm |
|                                       | Naphtha (petroleum), hydrotreated light* | Not available   |

**8.2 Exposure controls**

**Engineering controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.

**Ventilation:** Use in a well-ventilated area. See Engineering Controls.

|                                |   |
|--------------------------------|---|
| <b>Personal hygiene:</b>       | Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.  |
| <b>Eye protection:</b>         | Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.  |
| <b>Hand protection:</b>        | Any lined non-permeable rubber gloves.  |
| <b>Respiratory protection:</b> | Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical and chemical properties

|                                  |   |   |                 |
|----------------------------------|---|---|-----------------|
| <b>Appearance / odor:</b>        | Light amber color with petroleum odor                                       | <b>Vapor pressure:</b>                          | Not available   |
| <b>Physical state:</b>           | Liquid and compressed gas in an aerosol can                                 | <b>Vapor density:</b>                           | Not available   |
| <b>Odor threshold:</b>           | Not available   | <b>Relative density:</b>                        | 0.86 (typical)  |
| <b>pH:</b>                       | Not available   | <b>Solubility in water:</b>                     | Not available   |
| <b>Melting / freezing point:</b> | Not available   | <b>Partition coefficient (n-octanol/water):</b> | Not available   |
| <b>Boiling point / range:</b>    | Not available   | <b>Autoignition temperature:</b>                | Not available   |
| <b>Flash point:</b>              | Not available, but product is classified as an extremely flammable aerosol. | <b>Decomposition temperature:</b>               | Not available   |
| <b>Evaporation rate:</b>         | Not available   | <b>Viscosity:</b>                               | Not available   |
| <b>Upper flammability limit:</b> | Not available   | <b>Explosive properties:</b>                    | Not applicable  |
| <b>Lower flammability limit:</b> | Not available   | <b>Oxidizing properties:</b>                    | Not an oxidizer |
| <b>Percent Volatile:</b>         | Not available   |   |                 |

**9.2 Other information** No further relevant information available.

## SECTION 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>10.1 Reactivity:</b>                         | See sub-sections below.   |
| <b>10.2 Chemical stability:</b>                 | This material is stable under normal conditions.  |
| <b>10.3 Possibility of hazardous reactions:</b> | Hazardous reactions are not expected to occur.  |
| <b>10.4 Conditions and materials to avoid:</b>  | Keep away from heat, sparks, open flames and other sources of ignition. Keep out of direct sunlight. Avoid contact with strong acids, alkalies, and oxidizers such as liquid chlorine, other halogens, hydrogen peroxide, and oxygen. |
| <b>10.5 Hazardous decomposition products:</b>   | Carbon monoxide and carbon dioxide.   |

### 11.1 Information on toxicological effects

| <b>Acute toxicity / LD<sub>50</sub> and LC<sub>50</sub> of ingredients:</b> | <b>Components</b>  | <b>LD<sub>50</sub></b>  | <b>LC<sub>50</sub></b>        |
|---|--|-------------------------|-------------------------------|
|   | Naphtha (petroleum), hydrotreated heavy*   | >5000 mg/kg (oral, rat) | Not available                 |
|   | Propane  | Not available           | Not available                 |
|   | Butane   | Not available           | 658 mg/l/4h (inhalation, rat) |
|   | Naphtha (petroleum), hydrotreated light*   | Not available           | Not available                 |
| <b>Routes of exposure:</b>  | Eyes, skin, ingestion and inhalation   |                         |                               |
| <b>Other information:</b>   | Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis, which can be fatal. |                         |                               |

## SECTION 12. ECOLOGICAL INFORMATION

| <b>12.1 Toxicity:</b> | <b>Components</b>                        | <b>L(E)C<sub>50</sub></b> |
|-----------------------|--|---------------------------|
|                       | Naphtha (petroleum), hydrotreated heavy* | Not available             |
|                       | Propane                                  | Not available             |
|                       | Butane                                   | Not available             |

Naphtha (petroleum), hydrotreated light\* Not available

**Toxicity notes:** Not available

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

**12.5 Persistence, bioaccumulation and toxicity for substance(s):** This product is not, or does not contain, a substance that is a PBT or a vPvB.

**12.6 Other adverse effects:** No adverse effects are expected.

### SECTION 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

### SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

|             | <u>Proper Shipping Name:</u> | <u>UN Number:</u> | <u>Hazard Class:</u> | <u>Packing Group:</u> | <u>Remarks:</u>   |
|-------------|------------------------------|-------------------|----------------------|-----------------------|---|
| U.S. D.O.T. | Aerosols, flammable          | UN1950            | 2.1                  | None                  | Refer to Code of Federal Regulations, Title 49 (49 CFR) for additional information on provisions, packaging, and Limited Quantity exceptions. |
| ADR/RID     | Aerosols, flammable          | UN1950            | 2.1                  | None                  | Tunnel Restriction D  |
| IMDG        | Aerosols, flammable          | UN1950            | 2.1                  | None                  | None  |
| IATA        | Aerosols, flammable          | UN1950            | 2.1                  | None                  | None  |

### SECTION 15. REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

##### U.S. Federal Regulations:

**SARA Section 302 Extremely Hazardous Substances** This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:  
None

**SARA Section 304 CERCLA Hazardous Substances** Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA:  
None

**SARA Section 313 Toxic Chemicals** This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:  
None

**TSCA Inventory** All components of this material are on the U.S. TSCA Inventory.

**California Proposition 65 Status** This product does not contain chemical(s) known to the State of California to cause birth defects or other reproductive harm.

**California Proposition 65 Listed Components** None

##### International Regulations:

**European Union:** This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006. A Chemical Safety Assessment has not been carried out.

**Canada** All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this SDS contains all the information required by CPR.

**Japan MITI** Not available

**Australia** Not available

**Switzerland** Not available

### SECTION 16. OTHER INFORMATION

**Sections Revised:** New SDS format

**Revision Date:** 6/1/2015

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\*\*\* END OF SDS \*\*\*