

# Material Safety Data Sheet

## D670 Spray Lube

RECEIVED  
MAR 24 2008

Copying and/or downloading of this information for the purpose of properly utilizing Bond Products Inc. product is allowed provided that: (1) the information is copied in full with no changes unless prior agreement is obtained from Bond Products Inc., & (2) neither the copy nor the original is resold or otherwise distributed with intention of earning profit thereon.

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Bond Products Inc.  
4511 Wayne Ave.  
Philadelphia, PA 19144  
1 (215) 842-0200

Product Name: Spray Lube  
Product Code: D670  
Version Date: 01/09/07  
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

### 2. COMPOSITION /INFORMATION ON INGREDIENTS

COMPONENT	CAS #	ACGIH TLV	Exposure Limits OSHA PEL	OTHER
NJ Trade Secret Registry	#80100382-5024P	5 mg/m3 TWA (oil mist)	5 mg/m3 TWA (oil mist)	None established
Hydrocarbon propellant	68-476-86-8	800 ppm	None established	None established
Aliphatic petroleum distillates	64742-89-8	300 ppm	300 ppm	None established

### 3. HAZARDS IDENTIFICATION

#### POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.  
Skin : Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Skin contact may cause irritation. Symptoms may include redness, discomfort, drying and cracking, or rash. Prolonged or repeated exposure may dry the skin.  
Ingestion : Swallowing large amounts may be harmful. Swallowing small amounts during handling is not likely to cause harmful effects. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.  
Inhalation : Breathing large amounts may be harmful. Overexposure to vapor may cause nausea and/or vomiting. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects. Confusion, impaired coordination, coma, and death.

#### POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. The relevance of these findings to humans is uncertain. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)  
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

#### MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Respiratory disease including asthma and bronchitis

#### HAZARDOUS WARNINGS HMIS:

Health: 1      Flammability: 4      Reactivity: 0      Personal Protective Equipment See Section 8

### 4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.  
Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.  
Ingestion: Contact a physician, medical facility, or poison control center for advice on whether to induce vomiting. Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.  
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek medical attention.

#### NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), kidney, auditory system. Individuals with preexisting heart disorders may be more susceptible to arrhythmias (irregular heartbeats) if exposed to high concentrations of this material.

### 5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Flammable Liquid: can release vapors that may be ignited at temperatures above or at the flash point. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.  
Fire Fighting Instructions: Use alcohol foam, water fog, dry chemical, or CO2. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.  
Aerosol Flame Projection Test: Extremely flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid runoff into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required.

## 7. HANDLING AND STORAGE

**Handling:** Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.  
**Storage:** Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store above 125 deg F. Keep container closed when not in use. Keep away from heat, sparks, and flame Keep containers tightly closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects). Ventilation is required to maintain operator exposure below published exposure limits.  
**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.  
**Skin Protection:** The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.  
**Respiratory Protection:** None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Aerosol can	<b>Vapor Density:</b>	[air = 1] 1.61
<b>Appearance:</b>	Clear Colorless	<b>Evaporation Rate:</b>	0.1-0.5 (n-Butyl acetate = 1)
<b>Odor:</b>	Petroleum	<b>Solubility in Water:</b>	Negligible; 0-1%
<b>Specific Gravity:</b>	0.73 @ 70 deg F	<b>Boiling Point:</b>	279.0 deg F
<b>Vapor Pressure:</b>	210 mmHg @ 70 deg F	<b>pH:</b>	Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.  
**Conditions to Avoid:** Avoid contact with strong oxidizing agents.  
**Decomposition Products:** Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various Hydrocarbons. Hydrocarbons

## 11. DISPOSAL CONSIDERATIONS

**Disposal :** Dispose according to Federal, State and local regulations.

## 12. TRANSPORTATION INFORMATION

<b>DOT Name:</b> Consumer Commodity	<b>UN Number:</b>	Not Applicable
<b>IATA Name:</b> Consumer Commodity	<b>Hazardous Class:</b>	ORM-D
	<b>Packing Group:</b>	9 (IATA only) Not Applicable

## 13. REGULATORY INFORMATION

**Warning:** This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

**Warning:** This product may contain chemicals known to the State of California to cause cancer. See list below.

Benzene	71-43-2	0.001- 0.01	Prop65 Cancer
---------	---------	-------------	---------------

**Warning:** This product may contain chemicals known to the State of California to cause birth defects. See list below.

Toluene	108-88-3	0.001- 0.01	Prop65 Birth Defects
Benzene	71-43-2	0.001- 0.01	Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Bond Products Inc., it is the user's obligation to determine the conditions of safe use.