

MSDS Number: 1253310

## JARDEN OSTER KOOL LUBE 3

Revision Date: 5/14/2015

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Apollo Technologies, Inc.  
1850 S. Cobb Industrial Boulevard  
Smyrna, GA 30082

Phone: 770-433-0210  
Web: <http://www.apolloind.com/>

Product Name: JARDEN OSTER KOOL LUBE 3  
Revision Date: 5/14/2015  
Version: 1  
MSDS Number: 1253310  
Common Name: Aerosol cooling lube  
Product Code: 76300-101-005  
Product Use: Aerosol cooling lube

### 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely

**Target Organs:** Respiratory system; Skin;

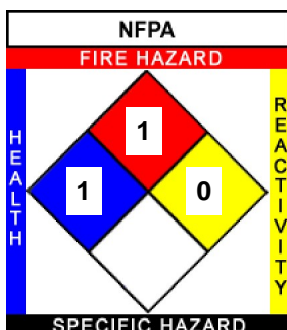
**Inhalation:** Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

**Skin Contact:** May cause mild skin irritation. Symptoms may include redness and burning of skin. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.

**Eye Contact:** Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes

**Ingestion:** Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

NFPA: Health = 1, Fire = 1, Reactivity = 0  
HMIS III: H1/F1/PH0



HMIS III	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B   Safety Glasses, Gloves	

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas #	Percentage	Chemical Name
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64-17-5	25-45%	Ethyl alcohol
112-27-6	<10%	Triethylene glycol
74-98-6	10-20%	Propane
106-97-8	10-20%	n-Butane

### 4 FIRST AID MEASURES

**Inhalation:** Move to fresh air. If symptoms persist, seek medical attention.

**Skin Contact:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Eye Contact:** Move to fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

**Ingestion:** Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** -156°F (-104.4°C) (propellant)

**Flash Point Method:** Estimated

**Burning Rate:** Not available.

**Autoignition Temp:** Not available.

**LEL:** Not available.

**UEL:** Not available.

**Means of Extinguishment:**

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

**Explosion Data:**

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).



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### 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

**Environmental Precautions:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Clean-Up:** Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

### 7 HANDLING AND STORAGE

**Handling Precautions:** HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

**Storage Requirements:** Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Store in accordance with NFPA 30B for LEVEL 2 AEROSOL.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Maintain adequate ventilation.  
**Personal Protective Equip:** HMIS PP, B | Safety Glasses, Gloves  
HMIS PP, A | Safety Glasses

INGREDIENTS	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
Ethyl Alcohol	1000 ppm	1000 ppm	
Triethylene Glycol	-----	-----	10mg/m <sup>3</sup> WEEL
Propane	Unknown	1000 ppm	
n-Butane	Unknown	800 ppm	

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Colorless, clear liquid	<b>Odor:</b>	Slight floral scent
<b>Physical State:</b>	Mixture packaged in pressurized aerosol sp	<b>Solubility:</b>	Soluble
<b>Spec Grav./Density:</b>	0.895 - 0.905g/ml	<b>Flash Point:</b>	-156°F (-104.4°C) (propellant)
<b>Boiling Point:</b>	>100°F	<b>VOC:</b>	62.6%
<b>Flammability:</b>	Flammable		
<b>Vapor Pressure:</b>	No Data		
<b>pH:</b>	No data		
<b>Evap. Rate:</b>	>1.00		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Heat, sparks, open flames and temperatures above 120°F
<b>Materials to Avoid:</b>	Acids, Aldehydes, Alkali metals, Amines, Ammonia, Bases, Ethylene oxide, halogenated hydrocarbons, halogens, inorganic materials, isocyanates, Oxidizing agents, sodium, Do not use with aluminum equipment at temperatures above 120°F.
<b>Hazardous Decomposition:</b>	CO, CO <sub>2</sub> , formaldehyde, Hydrocarbons
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

No product toxicological information is available.

### 12 ECOLOGICAL INFORMATION

No product ecological information is available.

### 13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

### 14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1  
UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, Flammable



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### REGULATORY INFORMATION

#### COMPONENT / (CAS/PERC) / CODES

\*Ethyl alcohol (64175 25-45%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Triethylene glycol (112276 <10%) HAP, PA, TSCA

\*Propane (7498610-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

\*n-Butane (106978 10-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

#### REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List  
OSHA = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level

NJHS = NJ Right-to-Know Hazardous Substances  
NRC = Nationally Recognized Carcinogens  
SARA313 = SARA 313 Title III Toxic Chemicals

HAP = Hazardous Air Pollutants

#### Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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### OTHER INFORMATION

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