



HARMFUL

EXTREMELY
FLAMMABLE

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product: *Aerosol Lithium Spray Lubricant* **Code:** 27512
Manufacturer: *Star brite Distributing* **Telephone:** 800-327-8583
Address: *4041 S. W. 47 Avenue Ft. Lauderdale, FL 33314* **Emergency:** 800-424-9300 or 703-527-3887

SECTION 2 - PRODUCT COMPONENTS

	<u>Component Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt. %</u>	<u>CAS Number</u>
1)	*Acetone	1000 ppm	500 ppm	25-30	67-64-1
2)	Lithium Complex Grease	---	---	25-30	---
3)	*Xylene	100 ppm	100 ppm	20-25	1330-20-7
4)	Mineral Spirits	100 ppm	100 ppm	5-10	64742-88-7
5)	Isopropanol	400 ppm	200 ppm	1-5	67-63-0
6)	Petroleum products, liquefied gas, sweetened	1,000 ppm	800 ppm		68476-86-8

SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS¹

Boiling Point:	<i>ND</i>	Specific Gravity:	<i>0.858</i>
Vapor Pressure:	<i>ND</i>	Water Soluble:	<i>No</i>
Vapor Density (Air = 1):	<i>ND</i>	Water Reactive:	<i>No</i>
Volume % Volatile:	<i>ND</i>	pH:	<i>ND</i>
Appearance and Odor:	<i>ND</i>		

SECTION 4 - FIRE AND EXPLOSION INFORMATION

Flash Point (Method):	<i>0° F</i>	Auto-ignition Temp.:	<i>ND</i>
Flammable Limits, LEL:	<i>ND</i>	UEL:	<i>ND</i>
Flame Extension:	<i>>30"</i>	Flashback:	<i>Yes</i>
Extinguishing Media:	<i>Foam, dry chemical, carbon dioxide.</i>		
Special Firefighting Procedures:	<i>Use SCBA. Water is not suitable as an extinguishing media, but may be useful for cooling nearby containers.</i>		
Unusual Fire and Explosion Hazards:	<i>Aerosol containers may burst when exposed to temperatures in excess of 120° F.</i>		

SECTION 5 - REACTIVITY DATA

Stable:	<i>Yes</i>	Conditions to Avoid:	<i>Heat, sparks, open flame.</i>
Incompatibility:	<i>Strong oxidizers like chlorine or concentrated oxygen.</i>		
Hazardous Decomposition Products:	<i>Combustion may produce carbon monoxide, other undetermined oxides, smoke and fumes.</i>		
Polymerization:	<i>No</i>	Conditions to Avoid:	<i>None known</i>

SECTION 6 - HEALTH HAZARDS

Primary Routes of Entry: Oral: No Carcinogenic Listing: NTP: Yes
Inhalation: Yes IARC: No
Skin Absorb.: Yes ACGIH: No

HMIS Rating: ¹ Health: 2 Flammability: 2 Reactivity: 0

Signs/Symptoms of Exposure:

Emergency First Aid Procedures

Eye Contact: Flush with running water for 15 minutes, holding lid open to expose eye surface. Contact physician.

Skin Contact: Remove contaminated clothing and shoes. Wash with mild soap and water, apply skin cream for irritation. Contact physician if irritation persists.

Inhalation: Remove to fresh air at once. Apply artificial respiration if necessary. Contact physician immediately.

Ingestion: Do not induce vomiting. Contact physician immediately.

Chronic Hazards: Health studies have shown that many petroleum hydrocarbons pose human health risks that may vary from person to person. Prolonged or repeated occupational overexposure to solvents has been linked to permanent brain and nervous system damage. Intentional misuse by deliberate concentration and inhalation may be harmful or fatal. As a precaution, exposure to liquids or vapors should be minimized.

SECTION 7 - SPECIAL PRECAUTIONS/SPILL & LEAK PROCEDURES

Precautions for Storage and Handling: Keep containers closed when not in use. Do not use or store near open flame or strong oxidizers.

Other Precautions: Avoid breathing vapors or mists; prolonged or repeated skin contact.

Spill or Leak Precautions: **** DANGER! LEAKING AEROSOLS CAN BE AN EXTREME FIRE AND EXPLOSION HAZARD!** Remove ignition sources. Move leaking cans outdoors and empty into suitable container by depressing valve button. Small liquid spills may be taken up with absorbent material.

Waste Disposal Method: Comply with all applicable regulations.

SECTION 8 - SPECIAL PROTECTION & PRECAUTIONS

Respiratory Protection: None required in normal use but an effective NIOSH/MSHA approved respirator should be used at any time when vapor concentrations exceed established standards.

Ventilation Type Required: Adequate to maintain level below established standards.

Local Exhaust: Yes **Rate:** >60 fpm **Mech. (General)** No

Gloves: Chemical resistant

Eye Protection: Face shield or safety glasses recommended.

Other Clothing/Equipment: None required in normal use.

Work/Hygienic Practices: Basic good housekeeping. Wash hands before eating or

smoking. Smoke only in designated areas.

SECTION 9 - SHIPPING/LABELING INFORMATION

Call for information

¹ Values given in this section are for non-aerosolized product

Abbreviations

NA	<i>Not Applicable</i>	mppcf	<i>Million Parts per Cubic Foot</i>
N AV	<i>Not Available</i>	ppm	<i>Parts per Million</i>
ND	<i>Not Determined</i>	mg/m³	<i>Milligrams per Cubic Meter</i>
NE	<i>None Established</i>	CAS	<i>Chemical Abstract Service</i>
NTP	<i>National Toxicology Program</i>	SCBA	<i>Self Contained Breathing Apparatus</i>
IBP	<i>Initial Boiling Point</i>	fpm	<i>Feet per Minute, Face Velocity</i>
TCC	<i>Tagliabue Closed Cup</i>		
COC	<i>Cleveland Open Cup</i>		
IARC	<i>International Agency for Research on Cancer</i>		
OSHA	<i>Occupational Safety and Health Administration</i>		
ACGIH	<i>American Conference of Governmental Hygienists</i>		

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Star brite assumes no obligation or liability for use of this information. UNLESS Star brite AGREES OTHERWISE IN WRITING, Star brite MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. Star brite WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.

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6/18/05