

IMG Chemicals Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION:

Company Contact Information
IMG Chemicals Corporation
P.O. Box 52461 Atlanta, GA 30355 USA
Telephone: +1(678) 513-69-23
Emergency Telephone Number
CHEMTREC: 800-424-9300 (24 hours)

Product Name: **White Lithium Lubricant for Hinges & Locks**
Item №: **MG-506**
Product Type: Aerosol lubricant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
HEPTANE 142-82-5	60-70	400 ppm TWA; 1640 mg/m ³ TWA	500 ppm TWA; 2000 mg/m ³ TWA
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5	5-15	5 mg/m ³ mist	5 mg/m ³ mist
BUTANE [1], ISOBUTANE [2] 106-97-8	5-15	800 ppm TWA; 1900 mg/m ³ TWA	800 ppm TWA; 1900 mg/m ³ TWA
PROPANE 74-98-6	5-15	simple asphyxiant; 2500 ppm TWA	1000 ppm TWA; 1800 mg/m ³ TWA
LITHIUM MIXTURE MIXTURE	1-10		
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC 64742-53-6	1-10	5 mg/m ³ TWA	5 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. May cause nervous system depression. Excessive inhalation causes headache, dizziness, nausea, and incoordination. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. May cause redness to eyes and irritation to nasal passages.

Medical Conditions Recognized as Being Aggravated by Exposure: Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

4. FIRST AID MEASURES

Ingestion: If swallowed, do NOT induce vomiting. Give victim two glasses of water, Call a physician immediately. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

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5. FIRE FIGHTING MEASURES

Flash Point (°F/C): Less than 0 degrees F. Based on propellant
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Hazardous Products Formed by Fire or Thermal Decomposition:

Oxides of carbon. Irritating vapors.
Unusual Fire/Explosion Hazards: Contents under pressure. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Use equipment or shielding to protect personnel from bursting containers.
Lower Explosive Limit: 1.1
Upper Explosive Limit: 10.0

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Exposure to high temperatures may cause container to burst.
Handling: Do not use near heat, sparks or open flame. Vapors may accumulate readily and may ignite explosively. Avoid contact with skin and eyes. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Use only in a well ventilated area. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances, and other sources of ignition. Do not puncture or incinerate container. Intentionally concentrating and inhaling the vapor may be harmful or fatal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses with side shields.
Skin: Chemical resistant gloves.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.
Respiratory Protection: Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid
Odor: SOLVENT ODOR
Boiling Point (°F): Less than 0 degrees F. to 700 degrees F.
pH: Does not apply
Solubility in Water: Not available
Specific Gravity: 0.68
VOC Content(Wt.%): 85.45% by weight; 581 g/l
Vapor Pressure: Not Determined
Vapor Density (Air=1): >1 (air = 1)
Evaporation Rate: Faster than ether

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10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Strong oxidizers.
Conditions to Avoid: Do not expose to heat or store at temperatures above 120 F. Keep away from heat, sparks and flame.

Hazardous Products Formed by Fire or Thermal Decomposition: Oxides of carbon. Irritating vapors.

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations. This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash.

US EPA Waste Number: D001 as per 40CFR 261.21

14. TRANSPORT INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: CONSUMER COMMODITY

Hazard Class: ORM-D

UN/ID Number: None

Marine Pollutant: None

IMDG

UN1950, AEROSOLS, CLASS 2.1, LTD QTY

EMS: F-D, S-U

BOXES OF 12 EACH 13.5 OZ METAL CAN, PLASTIC CAP

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical
NONE

CALIFORNIA PROP 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA Inventory Status:

All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 4, REACTIVITY 0

Estimated HMIS Classification: FLAMMABILITY 4, REACTIVITY 0, HEALTH 1

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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