

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: **Super Lubricant With PTFE**
Item N^o: **MG-504**
Product Type: Mixture

2. COMPOSITION/INFORMATION ON INGREDIENTS

(N/E = Not Established; N/E: = Not Established)

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
124389	Carbon dioxide	1-5						N/AV	5000 ppm	
64742525	Naphthenic Petroleum Distillate	20-30						5 mg/m3	5 mg/m3	
127184	Tetrachloroethylene	60.0-100.0		X	X		X	25 ppm	25 ppm	

3. HAZARDS IDENTIFICATION

Hazard Category:

Acute, Chronic, Pressure

Hazardous Identification Information:

Danger: Harmful or fatal if swallowed. Eye and skin irritant. Vapor Harmful, Contents under pressure.

Level 1 Aerosol

4. FIRST AID MEASURES

Route(s) of Entry:

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

Excessive ingestion may cause stomach irritation, nausea, vomiting. May complicate existing liver and kidney disease.

Signs and Symptoms:

Eye Contact:

Irritant. Prolonged contact may cause conjunctivitis.

Skin Contact:

Irritant. Defatting of tissue, dermatitis may occur.

Inhalation:

Irritant to mucous membranes. Repeated exposure may cause narcosis.

Ingestion:

HARMFUL OR FATAL IF SWALLOWED. May cause burns to mouth, throat & stomach. Signs and Symptoms:

Medical Conditions Generally Aggravated by Exposure:

Prolonged exposure above the OSHA permissible exposure limit may complicate existing liver and kidney diseases.

Emergency and First Aid Procedures:

Eye Contact:

Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.

Skin Contact:

Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.

Inhalation:

Remove to fresh air. If breathing becomes difficult get prompt medical attention.

Ingestion:

DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately.

Other Health Warnings:

Aspiration of vomitus into the lungs can cause pneumonitis, which can be fatal.

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5. FIRE FIGHTING MEASURES

Upper Explosive Limit: N/A
Lower Explosive Limit: N/A
Flash Point: N/A
Fire Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical
F.P. Method: N/A

Special Fire Fighting Procedures: Wear self-contained positive pressure breathing apparatus and protective clothes. Cool containers with a water fog. Do not use forced water stream as this could cause the fire to spread. Use shield to protect from rupturing and venting containers.

Unusual Fire and Explosion: Contents under pressure. At elevated temperatures, container may vent, rupture, or burst violently. Vapors of this product may present a future health hazard in poorly ventilated areas. May liberate corrosive hydrochloric acid or toxic phosgene fumes.

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc). Shovel up and place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an explosion proof vacuum to recover material. Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred.

7. HANDLING AND STORAGE

Precautions to be Taken: Do not use or store near fire, sparks, or open flame. Do not puncture or incinerate container. Exposure to temperatures above 120° may cause container to vent, rupture, or burst.

Other Precautions: Vapors are heavier than air and will collect in low areas. This material or its vapors when in contact with flames, hot glowing surfaces or electric arcs can decompose to form hydrogen chloride gas and possible traces of phosgene. Avoid contamination with water supplies. Keep away from foods.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Requirements: See Section 2 for applicable exposure limits. Maintain adequate ventilation. Avoid breathing vapors. In restricted areas, use approved chemical filters designed to remove vapor. In confined areas, use approved air line type respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above TLV limits.

Personal Protective Equipment: See Section 2 for applicable exposure limits. For prolonged exposure wear protective safety glasses, gloves, and apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 248°F
Melting Point: N/A
Evaporation Rate (Butyl Acetate = 1): 0.95
Vapor Pressure (mm Hg.): Not Det.
Specific Gravity (H₂O = 1): 1.34000
Vapor Density (AIR = 1): 5.83
Solubility In Water: Insoluble
Appearance and Odor: Opaque dense yellow suspension with sweet odor
Other Information: VOC Content: 0%

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to Avoid): Avoid contact with metals such as aluminum powders, magnesium powders, potassium, sodium, and zinc powder. Avoid open flames and hot glowing surfaces. Liquid oxygen and strong oxidants can form explosive mixtures of perchloroethylene.

Decomposition/By Products: In the presence of water: hydrochloric acid. Ignition sources and hot metals surfaces: phosgene and chlorine. Flames, welding, and high temperatures induce decomposition.

Hazardous Polymerization: Will not occur

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11. TOXICOLOGICAL INFORMATION

ACUTE INHALATION LC50: (rats) 5040 ppm for 8 hours. Moderately toxic.
ACUTE DERMAL LD50: (rabbit) > 3228 mg/kg. Slight to very low toxicity
SKIN IRRITATION: Mildly irritating.
EYE IRRITATION: Mildly irritating.
ACUTE ORAL LD50: (rats) 2629 mg/kg. Moderately toxic.

This product is listed under IARC as a 2A

12. ECOLOGICAL INFORMATION

Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

DISPOSAL: This container may be recycled in aerosol recycling centers when empty. Before offering for recycling, empty the can by using the product according to the label. DO NOT PUNCTURE! If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations.

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

USA TSCA: All chemicals used are listed on the TSCA Inventory.

CERCLA RQ: 1000 lbs

SARA 302: Not listed as a Extremely Hazardous Substance

SARA 311/312 HAZARD CLASS: Acute, Chronic

SARA 313 REPORTABLE: See Section 2 for SARA Reportable Chemicals.

PROPOSITION 65 WARNING: This product contains a chemical known to the State of California to cause cancer.

NEW JERSEY RIGHT-TO-KNOW: Tetrachloroethylene.

16. OTHER INFORMATION

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye.
KEEP AWAY FROM CHILDREN AND ANIMALS!

Estimated NFPA Rating: HEALTH 3, FLAMMABILITY 0, REACTIVITY 0

Estimated HMIS Classification: FLAMMABILITY 0, REACTIVITY 0, HEALTH 3

N/E: Not Established
N/D: Not Determined
N/A: Not Applicable
N/AV: Not Available

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