

# 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: **Aluminum Anti-Seize Lubricant**  
Item №: **MG-509**  
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
8052413	Aliphatic Hydrocarbon Solvent	1-5						100 ppm	100 ppm	
7429905	Aluminum (fume or dust)	1-5					X	5 mg/m3	5 mg/m3	
64742478	Hydrocarbon Fluid	7-13						5 mg/m3 (m	5 mg/m3 (m	
68476868	Liquefied Petroleum Gas	40-70						N/E	1000 ppm	
110543	n-Hexane	15-40					X	50 ppm	50 ppm	

### 3. HAZARDS IDENTIFICATION

**Hazard Category:** Acute, Fire, Pressure

**Hazardous Identification Information:** Danger: Extremely Flammable. Harmful or Fatal if Swallowed. Vapor Harmful. Eye and Skin Irritant. Contents Under Pressure.

### 4. FIRST AID MEASURES

**Route(s) of Entry:** Absorption, Eye, Inhalation, and Ingestion.

**Health Hazards (Acute and Chronic):**

**Signs and Symptoms:**

**Eye Contact:** May cause irritation. Symptoms include stinging, tearing, and redness. Do not rub eyes.

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

**Inhalation:** May cause respiratory irritation. Symptoms include headache, nausea, fatigue, drowsiness, poor coordination, unconsciousness.

**Ingestion:** Swallowing product may result in lung inflammation and other lung injury if introduced into the lung.

**Medical Conditions Generally Aggravated by Exposure:** None Known

**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 give oxygen and get prompt medical attention.

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

**Other Health Warnings:** Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

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## 5. FIRE FIGHTING MEASURES

**Upper Explosive Limit:** 9.5%  
**Lower Explosive Limit:** 1.9%  
**Flash Point:** < 0°F  
**Fire Extinguishing Media:** Water Fog, Foam, Carbon Dioxide, Dry Chemical  
**F.P. Method:** TCC

**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. Exposure to temperatures above 120° may cause containers to vent, rupture or burst violently.

## 6. ACCIDENTAL RELEASE MEASURES

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

Eliminate all ignition sources. 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). Using a non-metallic scoop, 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:** Use with adequate ventilation and proper protective equipment. 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:** 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!

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ventilation Requirements:** See Section 2 for applicable exposure limits. Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

**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:** > 100°F  
**Melting Point:** N/A  
**Evaporation Rate (Butyl Acetate = 1):** > 1.0  
**Vapor Pressure (mm Hg.):** N/D  
**Specific Gravity (H2O = 1):** 0.75300  
**Vapor Density (AIR = 1):** N/D  
**Solubility In Water:** Insoluble  
**Appearance and Odor:** Aluminum Colored Liquid with Petroleum Odor.  
**Other Information:** Aerosol vapor pressure: 65 - 75 psig.

## 10. STABILITY AND REACTIVITY

**Stability:** Product is stable  
**Incompatibility (Materials to Avoid):** Avoid contact with strong oxidizers.  
**Decomposition/By Products:** Carbon Monoxide, Carbon Dioxide, and hydrocarbons.  
**Hazardous Polymerization:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

N/D

## 12. ECOLOGICAL INFORMATION

N/D

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### 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

See Section 2 for SARA Reportable Chemicals.

**USA TSCA:** All components of this material are listed on the US TSCA Inventory.

### 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 1, FLAMMABILITY 4, REACTIVITY 0

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

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

Revision Date: 09/10/2013