

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: **De-Icer for Windshields Wipers & Locks**
Item N^o: **MG-903**
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	3-5							5000 ppm	
107211	Ethylene glycol	3-7					X	50 ppm	100 mg/m ³	
67561	Methanol	45-55					X	200 PPM	200 PPM	

3. HAZARDS IDENTIFICATION

Hazard Category:

Acute, Chronic, Fire, Pressure

Hazardous Identification Information:

POISON. May be Fatal or cause Blindness if Swallowed. Flammable. Vapor Harmful. Eye and Skin Irritant. Contents Under

Level 1 Aerosol

4. FIRST AID MEASURES

Route(s) of Entry:

Absorption, Eye, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

Reports have associated repeated and prolonged over-exposure to solvents with permanent brain and nervous system damage. Methanol is a poisonous, narcotic chemical and if ingested can cause blindness and death.

Signs and Symptoms:

Eye Contact:

May be irritating to eyes

Skin Contact:

Prolonged exposure may cause dermatitis.

Inhalation:

Repeated exposure may cause narcosis.

Ingestion:

Poison, May cause death or blindness.

Medical Conditions Generally Aggravated by Exposure: Over-exposure may cause central nervous system depression

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:

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5. FIRE FIGHTING MEASURES

Upper Explosive Limit: 36.5
Lower Explosive Limit: 6.0
Flash Point: 54°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: Although aerosols are classified as nonflammable under ASTM D 3065-77 Flame Projection Test, this product should not be used or stored near any open flames or ignition sources. Contents under pressure. Self-pressurized aerosol containers.

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: Avoid contact with oxidizing agents. Avoid contact with eyes. Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits, use a NIOSH approved respirator to prevent over-exposure. POISON. May be Fatal or cause Blindness if Swallowed. Product can not be made non-poisonous

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/mechanical filters designed to remove a combination of particles and 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: 148°F
Melting Point: N/A
Evaporation Rate (Butyl Acetate = 1): 5.9
Vapor Pressure (mm Hg.): N/D
Specific Gravity (H2O = 1): 0.79200
Vapor Density (AIR = 1): 1.11
Solubility In Water: Infinite
Appearance and Odor: Clear liquid with alcohol odor
Other Information:

10. STABILITY AND REACTIVITY

Stability: Stability:
Incompatibility (Materials to Avoid): Strong oxidizing agents, will attack some forms of plastics and rubber.
Decomposition/By Products: Carbon monoxide, carbon dioxide may form during combustion
Hazardous Polymerization: Will not occur

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11. TOXICOLOGICAL INFORMATION

N/D

12. ECOLOGICAL INFORMATION

N/D

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.

Warning: This product contains a chemical(s) known to the State of California to cause cancer or birth defects or other reproductive harm

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 2, FLAMMABILITY 1, REACTIVITY 0

Estimated HMIS Classification: FLAMMABILITY 1, REACTIVITY 0, HEALTH 2

N/E: Not Established

N/D: Not Determined

N/A: Not Applicable

N/AV: Not Available

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