

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: **Fast Starting Fluid for Gasoline & Diesel Engines**

Item №: **MG-902**

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	1.0 - 10.0						N/AV	5000 ppm	
60297	Ethane, 1,1'-oxybis-	30.0 - 60.0						400 ppm	400 ppm	
142825	Heptane	40.0 - 70.0						400 ppm	400 ppm	
64742650	Petroleum Oil	0.5 - 1.5						5 mg/m3	5 mg/m3	

3. HAZARDS IDENTIFICATION

Hazard Category:

Acute, Fire, Pressure

Hazardous Identification Information:

DANGER: EXTREMELY FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. VAPOR TOXIC. EXCESSIVE INHALATION MAY BE FATAL. VAPORS MAY CAUSE FLASH FIRES. EYE IRRITANT. CONTENTS UNDER PRESSURE.

Level 3 Aerosol

4. FIRST AID MEASURES

Route(s) of Entry:

Inhalation, eye and skin contact.

Health Hazards (Acute and Chronic):

See signs and symptoms below.

Signs and Symptoms:

Eye Contact:

Direct spray or vapors will irritate and may harm eyes

Skin Contact:

Product may cause irritation due to defatting of skin.

Inhalation:

High concentrations of vapors may irritate nose and throat and cause symptoms of intoxication such as dizziness, nausea, headache, or indigestion.

Ingestion:

Gastrointestinal irritation, nausea, cramps, diarrhea. May be harmful or fatal if swallowed.

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 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: N/D
Lower Explosive Limit: N/D
Flash Point: < 0°F
Fire Extinguishing Media: Foam, Dry Chemical (B-C), Carbon Dioxide
F.P. Method: Calculated

Special Fire Fighting Procedures: Wear self-contained, positive pressure breathing apparatus and protective clothing. Use water fog to keep container cool. Protect from venting, rupturing, and bursting containers.

Unusual Fire and Explosion: At temperatures above 120°F, containers may vent, rupture, or burst, even violently. Contents under pressure. Do not use near fire, sparks, or flame.

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, open flame or heat sources. Do not puncture or incinerate container. Exposure to temperatures above 120° may cause container to vent, rupture, or burst. Store in a cool, dry place, out of direct sunlight.

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. 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: N/D
Melting Point: N/A
Evaporation Rate (Butyl Acetate = 1): N/D
Vapor Pressure (mm Hg.): N/D
Specific Gravity (H2O = 1): 0.70000
Vapor Density (AIR = 1): N/D
Solubility In Water: Partial solubility
Appearance and Odor: Clear liquid with solvent/ether odor.
Other Information: % VOC: 93%

10. STABILITY AND REACTIVITY

Stability: Stability:
Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents.
Decomposition/By Products: Carbon Dioxide, Carbon Monoxide.
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 either exempt or 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 2, FLAMMABILITY 4, REACTIVITY 1

Estimated HMIS Classification: FLAMMABILITY 4 , REACTIVITY 0 , HEALTH 2

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

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