

# 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: **Foaming Engine Cleaner**  
Item №: **MG-103**  
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
111762	2-Butoxyethanol	2-10					X	25 ppm	25 ppm	
64742956	Aromatic Petroleum Naphtha	2-10					X	100 ppm	100 ppm	
75285	Isobutane	2-10						1000 ppm (	1000 ppm (	
8008206	Petroleum Base Oil	2-10						100 ppm	100 ppm	
74986	Propane	2-10						Unknown	1000 ppm	

### 3. HAZARDS IDENTIFICATION

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

**Hazardous Identification Information:** Danger: Harmful or Fatal if Swallowed, Eye and Skin Irritant. Contents Under Pressure.  
Level 1 Aerosol

### 4. FIRST AID MEASURES

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

**Health Hazards (Acute and Chronic):** See signs and symptoms below

#### Signs and Symptoms:

**Eye Contact:** Direct spray of vapors may be irritating or harmful to eyes.

**Skin Contact:** Product may cause irritation due to defatting of skin.

**Inhalation:** High concentration of vapors may irritate nose and throat and cause headaches and nausea.

**Ingestion:** Can cause irritation, gastric disturbances, and nausea.

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

#### Emergency and First Aid Procedures:

**Eye Contact:** Flush eyes with water for 15 minutes while lifting upper and lower eyelid. Get prompt medical attention.

**Skin Contact:** Wash with soap and water. If irritation persists, get prompt medical attention.

**Inhalation:** Move to fresh air. If breathing becomes difficult get prompt medical attention.

**Ingestion:** Drink water or milk. 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:** 15  
**Fire Extinguishing Media:** Water Fog, Foam, Carbon Dioxide, Dry Chemical  
**F.P. Method:**

**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. Store in cool, well ventilated area below 120°F away from heat sources. Do not use near fire, sparks, or open flame. Exposure to sunlight and temperatures above 120° may cause container to vent, rupture, or burst. Do not puncture or incinerate container.

**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:** N/D  
**Melting Point:** N/A  
**Evaporation Rate (Butyl Acetate = 1):** <1  
**Vapor Pressure (mm Hg.):** N/D  
**Specific Gravity (H2O = 1):** 0.97500  
**Vapor Density (AIR = 1):** 1.1  
**Solubility In Water:** Soluble  
**Appearance and Odor:** Hazy Cream with sweet aromatic odor  
**Other Information:** pH: 9-10

## 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Incompatibility (Materials to Avoid):** Oxidizing agents and acids. Keep away from high temperatures or open flames  
**Decomposition/By Products:** Normal products of combustion, carbon monoxide, carbon dioxide and Nitrogen oxides.  
**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 17 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 2, FLAMMABILITY 2, REACTIVITY 1

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

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

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