

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: **Air-Brake Anti-Freeze with Rust Stop**
Item N^o: **MG-315**
Product Type: Mixture

2. COMPOSITION/INFORMATION ON INGREDIENTS

(N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
3734336	Denatonium Benzoate	< 0.1						N/E	N/E	
67561	Methanol	60.0 - 100.0					X	200 PPM	200 PPM	

3. HAZARDS IDENTIFICATION

Hazard Category:

Acute, Fire

Hazardous Identification Information:

Danger: Poison, Vapor Harmful, Flammable. May be Fatal or cause Blindness if Swallowed. Eye and skin irritant. Cannot be made nonpoisonous.

4. FIRST AID MEASURES

Route(s) of Entry:

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

See signs and symptoms below

Signs and Symptoms:

Eye Contact:

Can irritate the eyes and cause blurred vision and/or blindness.

Skin Contact:

Irritant. Defatting of tissue, dermatitis may occur.

Inhalation:

Irritant to mucous membranes. Repeated exposure may cause narcosis, dizziness and death

Ingestion:

HARMFUL OR FATAL IF SWALLOWED. Methanol may damage the liver and nervous system.

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 and 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. edema which is a potentially fatal condition.

5. FIRE FIGHTING MEASURES

Upper Explosive Limit:

36.0%

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. or bursting containers.

Unusual Fire and Explosion: Vapors or gases may ignite at distant ignition sources and flashback. Vapor air mixtures are explosive.

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Item №: MG-315

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). 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, safety glasses, gloves and apron. Do not use or store near fire, sparks, or open flame. Store at temperatures below 120° away from oxidizers and acids. Keep container tightly closed when not being used. Use a ground strap when transferring material to another 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! Danger: Flammable.

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: Wear protective safety glasses, gloves, and apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 147°F
Melting Point: N/A
Evaporation Rate (Butyl Acetate = 1): >2.0
Vapor Pressure (mm Hg.): 97.25
Specific Gravity (H2O = 1): 0.79300
Vapor Density (AIR = 1): >1
Solubility In Water: Insoluble
Appearance and Odor: Clear blue liquid with alcohol/ammonia odor
Other Information: N/D

10. STABILITY AND REACTIVITY

Stability: Product is stable
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizers and acids, and ignition sources.
Decomposition/By Products: Normal products of combustion, smoke, carbon dioxide, carbon monoxide.
Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

LC50: 64000 ppm/4 hours inhalation-rat
LD50: 5628 mg/kg oral-rat
15800 mg/kg skin-rabbit

12. ECOLOGICAL INFORMATION

N/D

13. DISPOSAL CONSIDERATIONS

DISPOSAL: This container may be recycled in a recycling centers when empty. Before offering for recycling, empty the can or bottle by using the product according to the label. 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

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14. TRANSPORT INFORMATION

UN1230, FLAMMABLE LIQUIDS, N.O.S., (Methanol)
CLASS 3, PGII, MARINE POLLUTANT
EMS: F-E, S-D
BOXES OF 12 EACH 33.8 OZ PLASTIC BOTTLE 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 3, FLAMMABILITY 3, REACTIVITY 0

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

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

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