

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: Brake & Parts Pro-Strength Cleaner
Item N^o: MG-104
Product Type: Aerosol cleaner

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Percent | ACGIH 8 Hr. TWA: | OSHA 8 Hr. TWA: |
|---|---------|---|--|
| ACETONE 67-64-1 | 45-55 | 500 ppm TWA; 1188 mg/m ³ TWA | 1000 ppm TWA; 2400 mg/m ³ TWA |
| HEPTANE 142-82-5 | 15-25 | 400 ppm TWA; 1640 mg/m ³ TWA | 500 ppm TWA; 2000 mg/m ³ TWA |
| XYLENE, MIXTURE OF ISOMERS 1330-20-7 | 10-20 | 100 ppm TWA; 434 mg/m ³ TWA | 100 ppm TWA; 435 mg/m ³ TWA |
| PROPANE 74-98-6 | 5-10 | simple asphyxiant; 2500 ppm TWA | 1000 ppm TWA; 1800 mg/m ³ TWA |
| ETHYL BENZENE 100-41-4 | 1-10 | 100 ppm TWA; 434 mg/m ³ TWA | 100 ppm TWA; 435 mg/m ³ TWA |

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. Aspiration hazard if swallowed. Intentional misuse by concentrating and inhaling the vapor may be harmful or fatal. Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage. n-Hexane may damage peripheral nerve tissue. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation. Signs and Symptoms of Exposure: Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression. May cause redness to eyes and irritation to nasal passages.

| Ingredients | Percent | NTP: | ACGIH Carcinogens | IARC: |
|---|---------|---|---|-------|
| ACETONE 67-64-1 | 45-55 | | A4 - Not Classifiable as a Human Carcinogen | |
| XYLENE, MIXTURE OF ISOMERS 1330-20-7 | 10-20 | male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence | A4 - Not Classifiable as a Human Carcinogen | |

Medical Conditions Recognized as Being Aggravated by Exposure: Heart disease, respiratory disorders, liver and kidney diseases, amenia, rhythm disorders of the heart.

4. FIRST AID MEASURES

Ingestion: If swallowed, do NOT induce vomiting. Give victim two glasses of water, Call a physician immediately. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

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Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): <0 degrees F. Based on propellant

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Hazardous Products Formed by Fire or Thermal Decomposition: Oxides of carbon. Irritating vapors.

Thermal Decomposition:

Unusual Fire/Explosion Hazards: Contents under pressure. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Use equipment or shielding to protect personnel from bursting containers.

Lower Explosive Limit: 1.0

Upper Explosive Limit: 12.8

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Exposure to high temperatures may cause container to burst.

Handling: Avoid contact with skin and eyes. Do not inhale vapors. Do not puncture or incinerate container. Do not use near heat, sparks or open flame. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances, and other sources of ignition. Intentionally concentrating and inhaling the vapor may be harmful or fatal. Use only in a well ventilated area. Vapors may accumulate readily and may ignite explosively. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses with side shields.

Skin: Not normally required when using an aerosol. Wear chemical resistant gloves if repeated skin contact occurs or causes irritation.

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.

Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid

Odor: SOLVENT ODOR

Boiling Point (°F): <0 degrees F. to 292 degrees F.

pH: Does not apply

Solubility in Water: Nil

Specific Gravity: 0.74

VOC Content(Wt.%): 49.8% by weight; 369 g/l

Vapor Pressure: Not Determined

Vapor Density (Air=1): Heavier than air

Evaporation Rate: Faster than ether

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions

Hazardous Polymerization: WILL NOT OCCUR

Incompatibilities: Strong oxidizers.

Conditions to Avoid: Do not expose to heat or store at temperatures above 120 F.

Hazardous Products Formed by Fire or Thermal Decomposition:

Oxides of carbon. Irritating vapors.

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Thermal Decomposition:

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations. This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash.

US EPA Waste Number: D001 as per 40CFR 261.21

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

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical
XYLENE, ETHYL BENZENE

CALIFORNIA PROP 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA Inventory Status:

All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 4, REACTIVITY 0

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

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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