

SAFETY DATA SHEET

SDS REVISION DATE: September 10, 2021

Product ID: GMS1201A

0024



GMS Industrial Supply, Inc.
212 Denn Lane, Virginia Beach, VA 23462
(855) GRN-OGER • www.GreenOger.com

24-Hour Emergency Telephone: 1-800-424-9300 CHEMTREC

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: GMS1201A
Product Name: Arrester
Revision Date: 09/10/2021
Manufacturers Name: GMS Industrial Supply, Inc.
Address: 212 Denn Lane, Virginia Beach, VA. 23462
Emergency Phone: Chemtrec 1-800-424-9300
Information Phone Number: 757-473-1467
Fax Number: 757-337-3734
Product/Recommended Uses: Rust Converter

SECTION 2) HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1
Liquefied Gas
Eye Irritant: Category 2A
Skin Irritant: Category 2
Specific Target Organ Toxicity (Single Exposure): Category 3

HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol. Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness.
This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Acetone	67-64-1	30-40%
N-Butane	106-97-8	20-30%
Isopropyl alcohol	67-63-0	10-20%
Propane	74-98-6	5-15%
2-Butoxyethanol	111-76-2	5-15%
Diethylene glycol	111-46-6	1-5%

SECTION 4) FIRST-AID MEASURES

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel

unwell.

SKIN: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Irritation

Oral: abdominal irritation, nausea, vomiting, and diarrhea

CHRONIC HEALTH HAZARDS: None known

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5) FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Vapors may form explosive mixtures with air. Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flash back. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.

SECTION 6) ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7) HANDLING AND STORAGE

HANDLING AND STORAGE: Keep away from heat, open flames, or other sources of ignition. Avoid contact with skin, eyes and clothing. Wear appropriate protective equipment. Do not inhale mist or vapor. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50 °C/122 °f. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best

guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	250 ppm
N-Butane	Not Established	1000 ppm
Isopropyl alcohol	400 ppm	200 ppm
Propane	1000 ppm	1000 ppm
2-Butoxyethanol	50 ppm	20 ppm
Diethylene glycol	Not Established	Not Established

ENGINEERING CONTROLS/ VENTILATION: Use only outdoors or in a well-ventilated area.

RESPIRATORY PROTECTION: Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves.

ADDITIONAL MEASURES: Avoid contact with skin or eyes and avoid breathing vapors. Wash hands after use.

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to hazy brown spray

ODOR: Acetone odor

ODOR THRESHOLD: N/D

pH: N/D

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: N/D

FLAMMABILITY(solid/gas): Extremely Flammable Aerosol

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H₂O=1): 0.82 - 0.88 @ 77 °F (25 °C)

SOLUBILITY(IES): N/D

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION 10) STABILITY AND REACTIVITY

REACTIVITY: None known.

CHEMICAL STABILITY: Stable.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Temperatures greater than 122 °F and sources of ignition. Avoid use in confined areas. Avoid incompatibles.

INCOMPATIBLE MATERIALS: Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 11) TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Acetone (67-64-1): LD₅₀ (Oral, Rat) 5800 mg/kg; LD₅₀ (Dermal, Rabbit) 5000 mg/kg; LC₅₀ (Inhalation, Rat, 4hr) 20 mg/L. n-Butane (106-97-8): LC₅₀ (Inhalation, Rat, 4h) 30957 mg/m³. Isopropyl alcohol (67-63-0): LD₅₀ (Oral, Rat) 5045 mg/kg; LD₅₀ (Dermal, Rabbit) 12870mg/kg; LC₅₀ (Inhalation, Rat, 4h) 78.6 mg/L. Propane (74-98-6): LC₅₀ (Inhalation, Rat, 4h) 658 mg/L. 2-Butoxyethanol (111-76-2): LD₅₀ (Oral, Rat) 320 mg/kg; LD₅₀ (Dermal, Rabbit) 440 mg/kg; LC₅₀ (Inhalation, Mice, 4h) 700 ppm. Diethylene glycol (111-46-6): LD₅₀ (Oral, Rat) 25,300 mg/kg; LD₅₀ (Oral, Human) 1,000 mg/kg; LD₅₀ (Dermal, Rabbit) 12,500 mg/kg; LC₅₀ (Inhalation, Rat) > 1,172 ppm.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Redness, irritation, causes temporary corneal opacity.

INGESTION: May cause gastrointestinal irritation, nausea, vomiting, dizziness.

INHALATION: May cause dizziness, nausea, central nervous system effects.

SKIN: May cause irritation, redness, and dermatitis.

MEDICAL CONDITION AGGRAVATED: Pre-existing skin and respiratory disorders.

ACUTE HEALTH HAZARDS: Causes eye irritation including redness, tearing, and pain. Prolonged contact with skin may cause irritation. May cause respiratory irritation and central nervous system (CNS) depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: Respiratory disease and dermal related medical conditions. Kidney and liver damage possible. **CARCINOGENICITY:** **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION 12) ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: 2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available. Acetone (67-64-1) LC50 (Trout, 96hr) 5540 mg/L; LC50 (Bluegill, 96hr) 8300 mg/L; LC50 (Fathead Minnow, 96hr) 7500 mg/L Diethylene Glycol (DEG) (111-46-5) LC50 (Bluegill Sunfish) > 1000 mg/L Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hrs) 9640 mg/L

BIODEGRADABILITY: Component or components of this product are not biodegradable. **BIOACCUMULATION:** This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None Known

SECTION 13) DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14) TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd.

Qty. **HAZARD CLASS/DIVISION:** 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd.

Qty. **HAZARD CLASS/DIVISION:** 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd.

Qty. **HAZARD CLASS/DIVISION:** 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION 15) REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Acetone (67-64-1) Reportable Quantity = 5,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure).

SARA 313 REPORTABLE INGREDIENTS: None.

CLEAN WATER ACT: Acetone (67-64-1) is a hazardous substance.

STATE REGULATIONS: This product contains no known chemicals regulated by California's proposition 65. Acetone (67-64-1): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, ME, MA, MN, NJ, PA, RI, WA. Isopropyl alcohol (67-63-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL, IL, MN, NJ, PA, RI, TN. 2-Butoxyethanol (111-76-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air

Pollutants lists for the following states: PA, RI. Diethylene glycol (111-46-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: PA, RI.

INTERNATIONAL REGULATIONS: No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 51 %

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	3	HMIS FLAMMABILITY:	3
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	B

SECTION 16) OTHER INFORMATION

PREPARED BY: Technical Department

DATE PREPARED: 07/05/2013

REVISION DATE: 09/10/2021

N/A = Not Applicable; N/D = Not Determined

Safety Data Sheet

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