

SAFETY DATA SHEET

SDS Revision Date: 6/05/2023

Product ID: GMS1104A

0024



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

24 Hour Emergency Telephone: (800) 424-9300 CHEMTREC

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Orange-U-Glad
PRODUCT CODE: GMS1104A
RECOMMENDED USE: Degreaser
RESTRICTIONS ON USE: None known.
COMPANY NAME: GMS Industrial Supply, Inc.
COMPANY ADDRESS: 212 Denn Lane, Virginia Beach, VA 23462
COMPANY PHONE: 757-473-1467
EMERGENCY PHONE: 1-800-424-9300 CHEMTREC

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1

Gases Under Pressure: Liquefied Gas

Eye Irritant: Category 2A

Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.

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 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear eye protection. 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. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Dispose of contents/container in accordance with local, state, and federal law.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Diethylene Glycol n-Butyl Ether	112-34-5	1-10%
Propane/n-Butane	68476-86-8	3-7%
Distillates petroleum, hydrotreated light	64742-47-8	1-5%
Alcohols, C6-12, ethoxylated propoxylated	68937-66-6	1-3%

SECTION IV - FIRST AID MEASURES

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: Move to fresh air.

SKIN: Wash thoroughly with soap and water.

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

CHRONIC HEALTH HAZARDS: May be toxic to kidneys and liver.

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

Safety Data Sheet
Orange-U-Glad

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA in fire situations. Use water spray to cool containers exposed to fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not puncture container. Wrap container and place in trash collection.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated area. 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.

INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents, acids.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Diethylene Glycol n-Butyl Ether	Not Established	25 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Distillates petroleum, hydrotreated light	5 mg/m ³	5 mg/m ³
Alcohols, C6-12, ethoxylated propoxylated	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: Local ventilation/exhaust may be needed in confined spaces.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (Section VIII) are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Foam

ODOR: Citrus scent

ODOR THRESHOLD: 1ppm

pH: 11-12

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: > 212 °F (100 °C).

FLASH POINT: N/D

EVAPORATION RATE: Slow.

FLAMMABILITY (solid/gas): Extremely flammable aerosol.

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/A

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

Safety Data Sheet
Orange-U-Glad

RELATIVE DENSITY (H₂O=1): 0.90 - 1.00
SOLUBILITY(IES): 92%
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.
CHEMICAL STABILITY: Stable.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Excessive heat.
INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents, acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Diethylene glycol n-butyl ether (112-34-5): LD₅₀ (Oral, Rat) > 5000 mg/kg; LD₅₀ (Oral, Mouse) 2410 mg/kg; LD₅₀ (Skin, Rabbit) > 2000 mg/kg; LC₅₀ (Inhalation, Rat, 2h) > 29 ppm. **Distillates (petroleum), hydrotreated light** (64742-47-8): LD₅₀ (Oral, Rat) 5 g/kg; LD₅₀ (Dermal, Rabbit) 2 g/kg; LC₅₀ (Inhalation, Rat, 4h) 5 mg/L.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: May cause irritation, redness.
INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
INHALATION: Causes mild respiratory tract irritation.
SKIN: May cause irritation, localized defatting.
MEDICAL CONDITION AGGRAVATED: None known.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
CHRONIC HEALTH HAZARDS: May be toxic to kidneys and liver.
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No **OTHER:** N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Diethylene glycol n-butyl ether (112-34-5): LC₅₀ (*Lepomis macrochirus*, 96h) 1,300 mg/L; LC₅₀ (*Pseudomonas putida*, 16h) 1,170 mg/L; EC₅₀ (*Daphnia magna*, 48h) > 1000 mg/L; EC₅₀ (*Scenedesmus* sp., 72h) > 100 mg/L. **Distillates (petroleum), hydrotreated light** (64742-47-8) Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxic effects to organisms.
PERSISTENCE AND DEGRADABILITY: This product is biodegradable.
BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not puncture container. Wrap container and place in trash collection.
RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable.
HAZARD CLASS/DIVISION: 2.1

Safety Data Sheet
Orange-U-Glad

UN/NA NUMBER: UN1950
PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None.
SARA 311/312 HAZARD CATEGORIES: None.
SARA 313 REPORTABLE INGREDIENTS: Diethylene Glycol n-Butyl Ether (112-34-5).
CLEAN WATER ACT: None.
STATE REGULATIONS: California Proposition 65: None. **Distillates, Petroleum, Hydrotreated, Light (64742-47-8) RTK - PA, NJ, RI**
Diethylene Glycol n-Butyl Ether (112-34-5) RTK - PA, NJ
INTERNATIONAL REGULATIONS: Diethylene Glycol n-Butyl Ether (112-34-5): European Union - EINECS, Australia - AICS, Japan - ENCS, Korean - ECL, (WHMIS) Canada
VOLATILE ORGANIC COMPOUNDS (VOC): 9.7%

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	1	HMIS FLAMMABILITY:	2
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	A

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Technical Department
DATE PREPARED: 02/10/2020
REVISION DATE: 06/05/2023

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

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