

# SAFETY DATA SHEET

SDS REVISION DATE: 07/10/2023

Product ID: GMS1104A

0024



GMS Industrial Supply, Inc.

212 Denn Lane

Virginia Beach, VA 23462

(757) 473-1467

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

## SECTION I - IDENTIFICATION

**PRODUCT IDENTIFIER:** Orange-U-Glad

**PRODUCT NUMBER:** 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

Skin Sensitization: Category 1

**HAZARD STATEMENT(S): DANGER:** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause an allergic skin reaction.

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. Dispose of contents/container in accordance with local, state, and federal law. Avoid breathing fumes, vapors or spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice or attention.

**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	74-98-6	1 - <3%
Alcohols, C6-12, ethoxylated propoxylated	68937-66-6	1-3%
d-Limonene	5989-27-5	.5-1.5%
n-Butane	106-97-8	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:** If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention.

**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.

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## 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	1000 ppm	1000 ppm
Alcohols, C6-12, ethoxylated propoxylated	Not Established	Not Established
d-Limonene	Not Established	Not Established
n-Butane	1000 ppm	1000 ppm

**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:** N/D

**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

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EXPLOSIVE LIMIT UPPER (%): N/D  
VAPOR PRESSURE (mm Hg): N/D  
VAPOR DENSITY (AIR=1): N/D  
RELATIVE DENSITY (H<sub>2</sub>O=1): 0.90 - 1.00  
SOLUBILITY(IES): 92%  
PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>): 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): LD<sub>50</sub> (Oral, Rat) > 5000 mg/kg; LD<sub>50</sub> (Oral, Mouse) 2410 mg/kg; LD<sub>50</sub> (Skin, Rabbit) > 2000 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 2h) > 29 ppm. Distillates (petroleum), hydrotreated light (64742-47-8): LD<sub>50</sub> (Oral, Rat) 5 g/kg; LD<sub>50</sub> (Dermal, Rabbit) 2 g/kg; LC<sub>50</sub> (Inhalation, Rat, 4h) 5 mg/L.  
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin  
EYES: Causes irritation, burning, redness, tearing.  
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): LC<sub>50</sub> (*Lepomis macrochirus*, 96h) 1,300 mg/L; LC<sub>50</sub> (*Pseudomonas putida*, 16h) 1,170 mg/L; EC<sub>50</sub> (*Daphnia magna*, 48h) > 1000 mg/L; EC<sub>50</sub> (*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

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## AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable.

HAZARD CLASS/DIVISION: 2.1

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

NFPA FLAMMABILITY: 1

NFPA REACTIVITY: 0

NFPA OTHER: None

HMIS HEALTH: 1

HMIS FLAMMABILITY: 2

HMIS REACTIVITY: 0

HMIS PROTECTION: A

## SECTION XVI - OTHER INFORMATION

PREPARATION BY: Technical Department

DATE PREPARED: 02/10/2020

REVISION DATE: 7/10/2023

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

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