

Voyageur Soap & Candle Company Ltd.
 14-19257 Enterprise Way
 Surrey, BC Canada
 1(800) 758-7773



PRODUCT: GLYCERIN 99.7% USP

SECTION 01: IDENTIFICATION

SUPPLIER INFORMATION..... Voyageur Soap & Candle Company Ltd.
 14-19257 Enterprise Way
 Surrey, BC
 Canada
 1(800) 758-7773

PRODUCT NAME..... GLYCERIN 99.7% USP
 MATERIAL USE..... Food industry.
 PRODUCT USE AND RESTRICTION ON USE..... Food grade.
 CHEMICAL FAMILY..... Glycerin.
 SYNONYMS

24 HOUR EMERGENCY NUMBER:..... CALL NCEC 1-866-928-0789.

SECTION 02: HAZARD IDENTIFICATION

Hazard Classification..... Not a hazardous product.
 Hazard Statements May cause a mild respiratory irritation. May cause eye irritation. May cause skin irritation.
 Precautionary Statements..... In case of inadequate ventilation wear respiratory protection. Safety glasses or goggles recommended. Wear protective gloves. Normal work clothing (long sleeve shirt and long pants) is recommended. Use good industrial hygiene practices in handling this material.
 Response..... If in eyes flush eyes for 15 minutes. If inhaled move to fresh air. If on skin wash with soap and water. If swallowed give large quantities of water to drink.
 Storage..... Store in a cool, dry, well-ventilated area. Post NO SMOKING OR OPEN FLAMES sign.
 Other Hazards..... Store away from direct sunlight.
 Not a hazardous product.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Glycerin	56-81-5	99.7

SECTION 04: FIRST-AID MEASURES

SKIN..... Wash affected area immediately with large amounts of soap and water. If irritation develops or persists, seek medical attention.
 EYE..... Immediately hold eyelids open and flush with water for at least 15 minutes. If irritation develops or persists, seek medical attention.
 INHALATION..... Move victim to fresh air. In all cases of doubt, or when symptoms persist, seek medical attention.
 INGESTION..... DO NOT induce vomiting. Rinse out mouth with water. Seek medical attention.
 NOTES TO PHYSICIAN..... Not available.

SECTION 05: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA..... Water spray, foam, dry powder or carbon dioxide.
 HAZARDOUS COMBUSTION PRODUCTS Not applicable.
 SPECIAL FIRE FIGHTING PROCEDURES Firefighters should wear protective equipment as required.
 UNUSUAL FIRE / EXPLOSION HAZARDS

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAKS AND SPILLS..... Absorb with an inert material and place in a chemical waste container. Do not allow product to enter sewers or waterways. For larger spills, dike area and pump into waste containers. Wear protective clothing during cleanup.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... Avoid contact with eyes and skin. Wash skin thoroughly after handling and before eating or smoking. Use under well ventilated conditions. Use good industrial hygiene practices in handling this material.
 STORAGE NEEDS..... Store away from direct sunlight. Post "NO SMOKING OR OPEN FLAMES" sign. Store in a cool, dry, well-ventilated area.

PRODUCT: GLYCERIN 99.7% USP**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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Glycerin
10 ppm

PEL total dust: 15 mg/m³ PEL respirable: 5mg/m³

APPROPRIATE ENGINEERING CONTROLS Use under well-ventilated conditions.

PROTECTIVE EQUIPMENT

EYE/TYPE Safety goggles or glasses required.

RESPIRATORY/TYPE NIOSH approved for acid, mists or vapour if present. Determine the appropriate type by consulting the respirator manufacturer.

GLOVES/ TYPE Gloves.

CLOTHING/TYPE No special protective clothing is required.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Colourless. Viscous liquid.

ODOUR Characteristic odour.

ODOUR THRESHOLD (ppm) Not Available.

pH Not applicable.

MELTING / FREEZING POINT (°C) Not available.

MELTING POINT (°C) Not applicable.

INITIAL BOILING POINT AND BOILING RANGE (°C) 290 C.

FLASH POINT (°C), METHOD 177 C.

EVAPORATION RATE Not available.

FLAMMABILITY (SOLIDS / GAS) Class IIIB.

UPPER FLAMMABLE LIMIT (% VOL) Not available.

LOWER FLAMMABLE LIMIT (% VOL) Not available.

VAPOUR DENSITY (AIR=1) Not Available.

DENSITY 1.262 g/cm³. @ 20°C.

SOLUBILITY Not. Miscible.

COEFFICIENT OF WATER/OIL -1.76.

DISTRIBUTION

AUTO IGNITION TEMPERATURE (°C) 400 C.

% VOLATILE BY VOLUME Not available.

SECTION 10: STABILITY AND REACTIVITY

POSSIBILITY OF HAZARDOUS REACTIONS Hazardous polymerization will not occur.

CHEMICAL STABILITY Stable under normal temperature and pressures.

INCOMPATIBLE MATERIALS None known.

CONDITIONS TO AVOID INCLUDING STATIC DISCHARGE, SHOCK OR VIBRATION Not available.

HAZARDOUS PRODUCTS OF DECOMPOSITION Gases may be poisonous.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
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Glycerin
inhalation, rat: >570 mg/m³/1hr oral, rat >12600 mg/kg

ROUTE OF ENTRY Eye contact. Skin contact. Inhalation. Ingestion.

SKIN CONTACT May cause skin irritation. Avoid skin contact.

EYE CONTACT May cause eye irritation. Avoid eye contact.

TERATOGENICITY Not available.

MUTAGENICITY No evidence of mutagenic effects.

REPRODUCTIVE EFFECTS No evidence of reproductive effects.

CARCINOGENICITY No evidence of carcinogenic effects according to ACGIH or IARC.

ASPIRATION TOXICITY Not a hazardous product.

SINGLE TARGET ORGAN TOXICITY Not a hazardous product.

REPEATED EXPOSURE TARGET ORGAN TOXICITY Not a hazardous product.

SENSITIZATION Not a hazardous product.

PRODUCT: GLYCERIN 99.7% USP**SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY DATA..... Glycerin - 24hr EC50 (fish) >10,000 mg/L; 96hr LC100 (daphnia magna) 51,000 - 57,000 mg/L.
 BIOACCUMULATION..... Not available.
 MOBILITY IN SOIL..... Not available.
 PERSISTENCE AND DEGRADABILITY... Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION..... Not regulated under TDG (Canada).

SECTION 15: REGULATORY INFORMATION

CEPA STATUS..... All the ingredients are on the DSL list.
 HAZARDOUS PRODUCTS REGULATIONS This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and this document contains all the information required by the Hazardous Products Regulations.
 RESTRICTIONS..... Glycerin is on the COSMETIC HOTLIST and MUST conform to USP Standards when using for Cosmetics.
 U.S. TSCA INVENTORY STATUS..... All components of this product are listed on the TSCA Chemical Substances Inventory or are exempt.

SECTION 16: OTHER INFORMATION

REFERENCES..... Suppliers Safety Data Sheet.
 TELEPHONE NUMBER..... 1(800) 758-7773
 PREPARED BY:..... Regulatory Affairs
 PREPARATION DATE..... 2020-11-02
 DISCLAIMER:.....

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