



Dominion Veterinary Laboratories Limited

Quality Animal Health Pharmaceuticals - Dedicated Service Since 1950

1199 Sanford Street - Winnipeg, Manitoba R3E 3A1

Telephone: (204) 589.7361 / 589.7362 - Fax: (204) 943.9612

Toll Free: 1.800.465.7122 - www.domvet.com

018-900



Safety Data Sheet

Date: August 12, 2021

Product: Glycerin

Product Code: 00L-GLYC1

Supplier: Dominion Veterinary Labs LTD.
1199 Sanford St.
Winnipeg, Manitoba R3E 3A1
Telephone: (204)-589-7361 Fax: (204)-943-9612

PRODUCT: Glycerin

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE(S)..... 01L-GLYC1
MATERIAL USE..... Food industry.
PRODUCT USE..... Food grade.
CHEMICAL FAMILY..... Glycerin. Glycerol, 1,2,3OPpanetriol
SYNONYMS

Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients % Exposure Limit C.A.S.# LD/50, Route, Species LC/50 Route, Species
Glycerin 99.7 Not Indicated 56-81-5 Not Indicated Not Indicated

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY Eye contact. Skin contact. Inhalation. Ingestion.
EYE CONTACT..... May cause eye irritation. Avoid eye contact.
SKIN CONTACT..... May cause skin irritation. Avoid skin contact.
INGESTION..... Do not ingest.
INHALATION..... May cause irritation of nose, throat or respiratory tract. Avoid inhalation.
MEDICAL CONDITIONS AFFECTED BY None known.
EXPOSURE
SIGNS OF OVER EXPOSURE..... No additional remark.

Section 04: FIRST AID MEASURES

SKIN CONTACT..... Wash affected area immediately with large amounts of soap and water. If irritation develops or persists, seek medical attention.
EYE CONTACT..... Immediately hold eyelids open and flush with water for at least 15 minutes. If irritation



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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..... No additional remark.

Section 05: FIRE FIGHTING MEASURES

FLASH POINT (°C), METHOD..... 177 C.

AUTO IGNITION TEMPERATURE (°C)..... 400 C.

UPPER FLAMMABLE LIMIT (% VOL)..... Not available.

LOWER FLAMMABLE LIMIT (% VOL)..... Not available.

FLAMMABILITY..... Class IIIB.

EXTINGUISHING MEDIA..... Water spray, foam, dry powder or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS.. Not applicable.

SENSITIVITY TO MECHANICAL IMPACT.... Not sensitive.

SENSITIVITY TO STATIC DISCHARGE..... Not sensitive.

UNUSUAL FIRE / EXPLOSION HAZARDS

SPECIAL FIRE FIGHTING PROCEDURES.. Firefighters should wear protective equipment as required.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAKS AND SPILLS..... Absorb with an inert material and place in a chemical waste
container. Clean contaminated

surface and dispose according to local, provincial and federal regulations. 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.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENTS..... 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.

FOOTWEAR/TYPE..... No special footwear is required.

BODY/TYPE..... No special protective clothing is required.



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Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... Colourless, Viscous liquid.
ODOUR..... Characteristic odour.
ODOUR THRESHOLD (ppm)..... Not applicable.
% VOLATILE BY VOLUME..... Not available.
BOILING POINT (°C)..... 290 C.
EVAPORATION RATE..... Not available.
FREEZING POINT (°C)..... Not available.
MELTING POINT (°C)..... Not applicable.
SOLUBILITY IN WATER (% W/W)..... Not. Miscible.
VAPOUR DENSITY (AIR=1)..... Not determined.
DENSITY..... 1.262 g/cm³. @ 20 C.
pH..... Not applicable.
COEFFICIENT OF WATER/OIL -1.76.
DISTRIBUTION

Section 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION..... Will not occur.
STABILITY..... Stable.
INCOMPATIBILITY..... None known.
CONDITIONS TO AVOID..... Not available.
HAZARDOUS PRODUCTS OF Gases may be poisonous.
DECOMPOSITION

Section 11: TOXICOLOGICAL INFORMATION

TOXICITY EFFECTS ON ANIMALS..... No additional remark.
TOXIC EFFECTS ON HUMANS..... May cause eye irritation. May cause irritation to respiratory tract. May cause skin irritation.
CHRONIC EFFECTS ON HUMANS..... No specific information is available in our database regarding the other chronic toxic effects of this material for humans.
CARCINOGENICITY..... No evidence of carcinogenic effects according to ACGIH or IARC.
TERATOGENICITY..... No evidence of teratogen effects.
MUTAGENICITY..... No evidence of mutagenic effects.
REPRODUCTIVE EFFECTS..... No evidence of reproductive effects.

Section 12: ECOLOGICAL INFORMATION

ECOTOXICITY DATA..... Glycerin - 24hr EC₅₀ (fish) >10,000 mg/L; 96hr LC₁₀₀ (daphnia magna) 51,000 - 57,000 mg/L.
PRODUCTS OF DEGRADATION..... No specific information is available in our database regarding the degradation of this product.
BIODEGRADABILITY..... Our database contains no additional remark on the biodeg

Section 13: DISPOSAL CONSIDERATIONS

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



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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.

RESTRICTIONS..... Glycerin is on the COSMETIC HOTLIST and MUST conform to
USP Standards when using
for Cosmetics.

WHMIS CLASSIFICATION..... This is not a WHMIS controlled product.

Section 16: OTHER INFORMATION

REFERENCES..... Manufacturer's Material Safety Data Sheet.

TELEPHONE NUMBER:..... 204-589-7361.

PREPARED BY:..... Regulatory Affairs

PREPARATION DATE:..... Apr.2013

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