



SAFETY DATA SHEET

1. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Glycerin – USP/BP Refined
SUPPLIER NAME: YellowBee Packaging and Supplies Inc.
SUPPLIER ADDRESS: #106 2880 107 Ave SE
Calgary AB T2Z3R7
Canada
TELEPHONE NUMBER: (587) 352 3929
RECOMMENDED USE: Domestic and Industrial

2. HAZARD IDENTIFICATION

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

No information available.

4. FIRST AID MEASURES

INHALATION: Sore throat, cough. Use self-contained breathing equipment if in confined space. Ventilation. Remove to fresh air. If suffocation is serious take to a doctor.

SKIN CONTACT: Redness. Use gloves. Absorb water from skin/ body if contacted for too long. Remove contaminated clothing, wash skin with water and soap.

EYE CONTACT: Redness, pain. Use face shield. Flush with water. Take to a doctor if necessary.

INGESTION: Diarrhea, headache, nausea. Rinse mouth, drink plenty of water to induce vomiting, take to a doctor.

5. FIRE FIGHTING MEASURES

Combustible. Keep away from open flame. No smoking. Use dry powder, foam, carbon tetrachloride, carbon dioxide for extinguishing.

6. ACCIDENTAL RELEASE MEASURES

No information available

7. HANDLING & STORAGE

HANDLING: No special precautions required, but avoid eye and skin contact as part of normal industrial hygiene. Prevent formation of mist. Eye and skin contact should be avoided if handling at elevated temperatures.

STORAGE: Store in clean tight containers to prevent moisture pick up from air. Can be stored in clean aluminum, stainless steel, fiberglass or suitable resin-lined steel vessels. In

OTHER RECOMMENDATIONS:

ADDITIONAL INFORMATION:

bulk, store at ambient temperature. For pumping, heat up to not more than 45°C.

Avoid contact with strong oxidizing agent such as Nitric Acid or other strong acids, Chromium Trioxide, Potassium Chlorate or Potassium Permanganate.

Keep in a cool and dry place, avoid extreme heat and cold. Avoid direct fire, oxidizing agents. Stored in clean, dry preferably stainless steel vessels. In bulk, store above melting point. Temperature higher than necessary degrades quality at rate dependent on time and temperature of exposure. Exposure to ultraviolet light, especially sunlight must be minimized to prevent quality loss. Do not solidify until well below melting point.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION:

NOTE:

Use gloves and wear goggles when handling.

Crude glycerin may be corrosive. Refined glycerin is not corrosive. Irritating to eyes and skin. Prolonged exposure can cause kidney damage.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:

ODOR:

TASTE:

BOILING POINT (°C) AT 760MM HG:

MELTING POINT (°C):

FLASH POINT (°C):

AUTO-IGNITION TEMPERATURE (°C):

DENSITY, G/ML AT 20°C:

RELATIVES VAPOUR DENSITY (AIR=1):

RELATIVE DENSITY AT 20°C OF

SATURATED MIXTURE VAPOR/AIR (AIR=1):

VAPOUR PRESSURE (MM OF HG AT 50°C) :

SOLUBILITY IN WATER, G/1 OOML AT 50°C:

ELECTRICAL CONDUCTIVITY, PS/M:

RELATIVE MOLECULAR MASS:

LOG P OCTANOI/WATER:

CHEMICAL NAME:

GROSS FORMULA:

Colorless to brownish hygroscopic viscous liquid.

Fatty odor when crude. Odorless when refined.

Sweet

290

18

160

400

1.2633

3.2

1

0.0023

Infinite

6.4 X 10

92.1

-2.6

1, 2, 3-propanetriol

C₃H₈O₃

10. STABILITY & REACTIVITY

Vapor mixes readily with air. Able to polymerize above 149°C. Decomposes when heated above 290°C, giving off corrosive gas. Reacts violently with strong oxidants, with risk of fire and explosion.

11. TOXICOLOGICAL INFORMATION

Low toxicity. Not considered hazardous to human beings.



12. ECOLOGICAL INFORMATION

This product is readily biodegradable.

13. DISPOSAL CONSIDERATIONS

No information available

14. TRANSPORT INFORMATION

No information available

15. REGULATORY INFORMATION

No information available

16. OTHER INFORMATION

None available

Revised on 12/9/2020

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to YellowBee Packaging and Supplies Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

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