



SAFETY DATA SHEET

1. Identification

Product Name: NobleCare™ Glycerine 99.7%

Recommended use of chemical and restrictions on use: Personal Care

Synonyms: 1,2,3-Propanetriol; Glycerol; Glycerin

Name and address of the supplier: Noble Roots, LLC
2408 Tech Center Parkway Suite 150
Lawrenceville, GA, US 30043

Supplier's telephone number: 678-897-4758

24 Hr. Emergency telephone number: (800) 424-9300 (CHEMTREC)

2. Hazard(s) Identification

Classification (GHS-US) Not classified

GHS-US Labeling Not applicable.

Other Hazards No additional information available

Unknown Acute Toxicity (GHS-US): No data available

3. Composition/Information on Ingredients

Chemical Name	CAS No.	Percent by Weight
Glycerin	56-81-5	99.7



4. First Aid Measures

In all cases of doubt, or when symptoms persist, seek medical attention.

Description of First Aid Measures:

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed:

Symptoms/Injuries: None expected under normal conditions of use.

Symptoms/Injuries After Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/Injuries After Skin Contact: None under normal conditions.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: If a large quantity has been ingested: May cause nausea, vomiting, and diarrhea

Indication of Any Immediate Medical Attention and Special Treatment Needed :

If medical advice is needed, have product container or label at hand.

5. Firefighting Measures

Suitable Extinguishing Media:

Use extinguishing media appropriate for surrounding fire. Water spray or fog, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

Unsuitable Extinguishing Material:

None known.

Special hazards arising from the substance or mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Stable at ambient temperature and under normal conditions of use.

Special fire-fighting procedures:

Exercise caution when fighting any chemical fire.

Special protective equipment for fire-fighters:

Do not enter fire area without proper protective equipment, including respiratory protection.



6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Handle in accordance with good industrial hygiene and safety practice.

For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental precautions:

Prevent entry to sewers and public waters

Methods for containment and cleaning up:

For Containment: Absorb and/or contain spill with inert material, then place in suitable container.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to other sections:

See heading 8, Exposure Controls and Personal Protection.

7. Handling and Storage

Handling:

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product

Storage:

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Specific End Use(s)

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

NF Excipient

8. Exposure Controls/Personal Protection

Control Parameters:

Glycerin (56-81-5)

USA OSHA

OSHA PEL (TWA) (mg/m3)

5 mg/m³

Exposure controls:

Personal Protective Equipment (PPE):

RESPIRATORY PROTECTION : In case of inadequate ventilation wear respiratory protection.



HAND/SKIN PROTECTION : Wear chemically resistant protective gloves. The breakthrough time of the selected gloves must be greater than the intended use period.

EYE/FACE PROTECTION : Chemical goggles or safety glasses.

Other: When using, do not eat, drink or smoke.

9. Physical and Chemical Properties

Form:	Liquid
Color:	Colorless. Viscous.
Odor:	characteristic
Odor threshold:	No data available
pH:	No data available
Relative Evaporation Rate (butylacetate=1):	No data available
Melting point:	18°C (64.4°F)
Freezing point:	No data available
Boiling point:	290°C (554°F) (decomposition)
Flash Point:	177°C (350.6°F) Cleveland Open Cup
Auto-ignition Temp:	400°C (752°F)
Decomposition Temp:	No data available
Flammability (solid, gas):	No data available
Vapor Pressure:	<0.01 hPa
Relative Vapor Density at 20°C:	No data available
Relative Density:	No data available
Specific gravity:	1.26 g/cm ³
Solubility:	Fully miscible
Log Pow	No data available
Log Kow	-1.76
Viscosity, Kinematic:	1300 mPas @ 20°C
Viscosity, Dynamic:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available



Explosive limits: Not applicable
VOC content: ≤0.5%

10. Stability and Reactivity

Reactivity: Stable at ambient temperature and under normal conditions of use.
Chemical Stability: Product is stable.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight. Extremely high or low temperatures.
Materials to Avoid: Strong acids. Strong bases. Strong oxidizers.
Hazardous Decomposition Products: Under fire conditions this material may produce hazardous carbon dioxide (CO₂), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.

11. Toxicological Information

Acute toxicity	Not classified
Glycerin (56-81-5)	
LD50 Dermal Rabbit	> 10 g/kg
LC50 Inhalation Rat (mg/l)	> 570 mg/m ³ (Exposure time: 1 h)
ATE (Oral)	12600.000 mg/kg

Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Aspiration Hazard: Not classified



Symptoms/Injuries After Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/Injuries After Skin Contact: None under normal conditions.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: If a large quantity has been ingested: May cause nausea, vomiting, and diarrhea.

12. Ecological Information

Toxicity:

Glycerin (56-81-5)

LC50 Fish 1 51 (51 - 57) ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

EC50 Daphnia 1 > 500 mg/l (Exposure time: 24 h - Species: Daphnia magna)

Persistence and degradability: The substance is biodegradable. Unlikely to persist.

Bioaccumulative potential:

Log Pow 1.76

Bioaccumulative Potential Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

BCF fish 1 (no bioaccumulation)

Mobility in soil: No additional information available

Other adverse effects: Avoid release to the environment.

13. Disposal Considerations

Waste treatment methods: Dispose of waste material in accordance with all local, regional, national, and international regulations.

14. Transportation Information

In Accordance With ICAO/IATA/DOT/TDG

UN Number Not applicable

UN Proper shipping name Not regulated for transport

Transport by Sea Not regulated for transport

Air transport Not regulated for transport



15. Regulatory Information

US Federal Regulations

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

US State Regulations:

- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
- U.S. - Idaho - Occupational Exposure Limits - TWAs
- U.S. - Massachusetts - Right To Know List
- U.S. - Michigan - Occupational Exposure Limits - TWAs
- U.S. - Minnesota - Hazardous Substance List
- U.S. - Minnesota - Permissible Exposure Limits - TWAs
- U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
- U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
- U.S. - Oregon - Permissible Exposure Limits - TWAs
- U.S. - Pennsylvania - RTK (Right to Know) List
- U.S. - Tennessee - Occupational Exposure Limits - TWAs
- U.S. - Texas - Effects Screening Levels - Long Term
- U.S. - Texas - Effects Screening Levels - Short Term
- U.S. - Vermont - Permissible Exposure Limits - TWAs
- U.S. - Washington - Permissible Exposure Limits - STELs
- U.S. - Washington - Permissible Exposure Limits - TWAs

16. Other Information

The content and format of this safety data sheet are in accordance with EC Regulation No. 1907/2006 of the European Parliament and Council

Respect safety measures usually applied during the production of perfumery products.

This data sheet completes the technical use notice, but doesn't replace it. These information are based on our actual knowledge for the above mentioned product at the edition date of this data sheet. They are given in good faith.

In any case user is not exempted to know and apply all texts which regulate this activity. He will take under his own responsibility the precautions for the utilization of product he knows. Users should be aware of the other purposes than

Those for which it is concerned.