



Safety Data Sheet Glycerin 99.7

SECTION 1: Identification

1.1 Product identifier

Product name	Glycerin 99.7
Product number	chem-30
Brand	Nature's Oil
Substance name	Glycerine
EC no.	200-289-5
CAS no.	56-81-5

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

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3.1 Substances

Substance name	Glycerine
EC no.	200-289-5
CAS no.	56-81-5
Formula	C3H8O3
Molecular weight	92.09
Other names / synonyms	1,2,3-Propanetriol; Glycerolum; Glycerol; Glycerin; Glycerine ; Glycerol

Components

1. Glycerine

Concentration	90 - 100 % (weight)
EC no.	200-289-5
CAS no.	56-81-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advise. Show the label or this safety data sheet when possible
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms develop
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Flush eyes with water as a precaution. Remove contacts
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention should irritation and symptoms occur..

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Carbon oxides, smoke, and irritating fumes or substances may form. Fumes may be toxic.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Wear protective clothing and gear to prevent contact with skin and eyes. Follow standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information

Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

Do not touch or walk through spilled material. Spills can create very slippery surfaces. Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, or spray. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Should not be released into the environment.

6.3 Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal. Use absorbent paper to pick up all liquid spill material. Seal the absorbent paper, as well as any of your clothing which may be contaminated, suitable container for eventual disposal. Wash any surfaces you may have contaminated with a soap and water solution.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Surfaces are very slippery from this product. Do not swallow. Do not breathe mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

7.2 Conditions for safe storage, including any incompatibilities

Freezing will adversely affect the quality of the product. Store locked up. Keep away from heat and sources of ignition. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Glycerol (CAS: 56-81-5 EC: 200-289-5)

TWA (Inhalation): 5 mg/m³; USA (OSHA)

USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminant

PEL (Inhalation): 5 mg/m³, PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m³, PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 mg/m³; USA (ACGIH)

USA. ACGIH Threshold Limit Values (TLV)/Upper Respiratory Tract irritation

TWA (Inhalation): 15 mg/m³; USA (OSHA)

USA. Occupational Exposure Limits(OSHA) - Table Z-1 Limits for Air Contaminants

8.2 Appropriate engineering controls

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Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses with side shields or goggles.

Skin protection

Wear protective gloves, such as PVC or other plastic material. Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. Clothing with full length sleeves and pants should be worn. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air-purifying respirators may not provide adequate protection.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Viscous, Liquid, clear to light yellow
Odor	mild, musty
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	<2 °C (<36 °F)
Initial boiling point and boiling range	>130 °C (266 °F) at 1013 hPa
Flash point	>176 °C (>349 °F) - closed cup
Evaporation rate	> 1 (Butyl Acetate = 1)
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	< 0.1 mmHg @ 20 °C (68 °F)
Vapor density	3.17 @ 20 °C (68 °F) (Air = 1.0)

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Relative density	: 1.22 - 1.24 @ 25 °C (77 °F) Reference substance: (water = 1)
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Strong acids, Strong oxidizing agents

10.6 Hazardous decomposition products

Thermal decomposition may produce carbon oxides.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD50 (Oral): N/A

LD50 (Dermal): N/A

LD50: N/A

Skin corrosion/irritation

May cause slight skin irritation.

Serious eye damage/irritation

May cause slight eye irritation

Respiratory or skin sensitization

Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

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Reproductive toxicity

No toxicity to reproduction.

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

/ Not Established

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13: Disposal considerations

Disposal of the product

Treatment, storage, transportation, and disposal must be in accordance all applicable federal, state, and local regulations.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

Sewage disposal

Avoid release into sewers or other public water ways.

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SECTION 14: Transport information

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Chronic Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Glycerol

CAS-No. 56-81-5

Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right To Know Act.

Glycerol

CAS-No. 56-81-5

New Jersey Right To Know Components

No components are subject to the New Jersey Right To Know Act.

Glycerol

CAS-No. 56-81-5

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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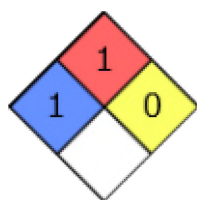
Glycerin 99.7

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

HMIS Rating

Glycerine	
HEALTH	
FLAMMABILITY	1
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

SDS Version: 1.0
Revision Date: 10/19/2018

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.