



Glycerin 99.7 USP Kosher

Version: 0001 10/04/18

Environmental precautions None

Methods and material for containment and cleaning up.

Remove all potential ignition sources. Contain spilled material. Cover with an inert or noncombustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations.

Reference to other sections No information available

7. Handling and Storage

Precautions for Safe Handling:

Use in well ventilated areas. Avoid creating dust. Avoid inhaling dust. Avoid contact with skin eyes and clothes. Wear personal protective equipment (see section 8). Wear respiratory protection. Material can be slippery underfoot.

Conditions for Safe Storage Including Any Incompatibilities:

Keep away from drains, soils, surface & ground waters. Store in tightly closed original container when not in use. Storage area should be cool and dry. Keep away from ignition sources & naked flames. Store according to hazard classification.

8. Exposure Controls/Personal Protection

Appropriate Engineering Controls:

Use normal precautionary measures for handling chemicals.

Personal Protective Equipment (PPE):

General Information: Not available

Eye/Face Protection: Wear safety glasses as a minimum, preferably chemical goggles.



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Skin/Hand Protection: Wear chemically resistant gloves, safety shoes, air respirator and protective clothing.

Respiratory Protection: Wear air respirator.

Other: Facility should be equipped with eyewash and safety showers close to point of product usage. Use reasonable care. These precautions are for room temperature handling. Use at elevated temperatures or in aerosol/spray applications may require added precautions.

9. Physical and Chemical Properties

Appearance:

Physical State:	liquid
Color:	Colorless
Odor:	Not Available
Odor Threshold:	Not Available
pH	6.0 – 7.0
Melting Point (°C):	18° C
Boiling Point (°C):	290 - 295 °C @ 760mm Hg
Flash Point (°C):	>180 °C
Evaporation Rate:	Not Available
Flammability:	Not Available
Upper Explosive Limit (%):	Not Available
Lower Explosive Limit (%):	Not Available
Vapor Pressure:	0.0025 mbar @ 50°C
Vapor Density:	Not Available
Relative Density:	1.24 g/ml at 45°C
Solubility in Water:	Infinite g/100 ml in water @ 20 °C
Solubility (Other):	Not Available
Partition Coefficient (n-Octanol/Water)	Not Available



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Auto-ignition Temperature (°C):	Not Available
Decomposition Temperature (°C):	Not Available
Viscosity:	Not Available
VOC:	Not Available
Percent Volatile:	Not Available
Specific Gravity	Not Available

10. Stability and Reactivity

Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Able to polymerize above 149° C. Decomposes when heated above 290°C.
Possibility of Hazardous Reactions:	Not available
Conditions to Avoid:	Strong oxidizing agents
Incompatible Materials:	Strong acid
Hazardous Decomposition Products:	Thermal decomposition or burning may produce carbon monoxide and/or Carbon Dioxide.

11. Toxicological Information

Acute oral toxicity (rat)	LD50 (Oral, rat) = >12600 mg/kg
Acute dermal toxicity (rabbit)	Not available



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Acute inhalation toxicity	LC50(Inhalation, rat) = >570mg/m ³ /1Hr
Subchronic oral toxicity (rat)	Not available
Skin irritation (rabbit)	Not classified based on available information.
Eye irritation (rabbit)	Not available
Sensitization	Not classified based on available information.
Phototoxicity (guinea pig)	Not available
Chronical toxicity	Not available

12. Ecological Information

Toxicity	Acute fish toxicity: LC 50 > 10000 mg product/l. Carp, LC50:>1000mg/L(48h); Acute bacteria toxicity: EC 50 > 10000 mg product/l. Daphnia magna, EC50:>1000mg/L(3h)
Persistence and degradability	Readily biodegradable
Bioaccumulative potential	Not available
Mobility in soil	Not available
Results of PBT and vPvB assessment	Not available
Other adverse effects	Not available



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13. Disposal Considerations

Disposal methods: Waste may be disposed of by a licensed waste disposal company. Follow local, state and federal disposal regulations.

Waste treatment methods

Precautions for disposal (including the disposal method of contaminated containers and packages).

Product and packaging should be disposed of in accordance with the local, state and federal regulations.

14. Transportation Information

UN number Not Regulated

UN proper shipping name Not Regulated

Transport hazard class Not Regulated

Packing group Not Regulated

Environmental hazards None

Special precautions for user No supplementary information available

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code No supplementary information available

15. Regulatory Information

US Federal Regulations

Safety, health, and environmental regulations/legislation specific for the substance.

No data available

SARA 311/312:

Substance is not listed.



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US State Regulations:

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

California Prop 65

Substance is not listed.

Inventory Status:

Australia (AICS)

N/A

Canada (DSL/NDSL)

Listed

China (IECSC)

N/A

Europe (REACH)

N/A

Europe (EINEC/ELINCS)

N/A

Japan (ENCS)

N/A

Korea (KECI)

N/A

New Zealand (NZIoC)

N/A

Philippines (PICCS)

N/A

Switzerland (SWISS)

N/A

Taiwan (TCSCA)

N/A



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16. Other Information

Source of Information:

No data available

Further Information:

No data available

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