

1. Identification of the substance/mixture and of the company/undertaking

Identification of the substance/preparation

Product code 15441017
Product name Not I

Company/Undertaking Identification

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24 hour Emergency Response:

866-536-0631
301-431-8585
Outside of the U.S. ++1-301-431-8585

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

2. Hazards identification

In accordance with local and national regulations,

The product is classified and labelled in accordance with Directive 1999/45/EC. REGULATION (EC) No 1272/2008
Classification according to EU Directives 67/548/EEC or 1999/45/EC.

GHS - Classification

Signal word

not hazardous

Health hazard

not hazardous

Physical hazards

not hazardous

European Union

Revision Date: 30-Oct-2013
Product code 15441017

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Not hazardous

EU Specific Hazard Statements

R-phrase(s)

None

S-phrase(s)

None

Principle Routes of Exposure/

Potential Health effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.

Specific effects

Carcinogenic effects	none
Mutagenic effects	none
Reproductive toxicity	none
Sensitisation	none

Target Organ Effects	No known effects under normal use conditions
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3. Composition/information on ingredients

Chemical Name	CAS-No.	EINECS-No.	Weight percent
Glycerin	56-81-5	200-289-5	40-70

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

4. FIRST AID MEASURES

Skin contact	Rinse with plenty of water. If symptoms arise, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Inhalation	Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Methods for cleaning up

Use personal protective equipment.
Soak up with inert absorbent material.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

See Section 12 for additional information.

7. HANDLING AND STORAGE

Handling Storage

Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
Keep in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Exposure limits

Chemical Name	EU OEL (TWA)	EU OEL (STEL)	EU Skin Notation
Glycerin 56-81-5	None	None	None

Chemical Name	Austria	Belgium (TWA)	Denmark (TWA)	Finland OEL (TWA)
Glycerin 56-81-5	None	10 mg/m ³	None	None

Chemical Name	France OEL (VME)	Germany OEL (TWA)	Ireland (TWA)	Italy OEL (TWA)
Glycerin 56-81-5	10 mg/m ³	None	10 mg/m ³	None

Chemical Name	Sweden - Occupational Exposure Limits - TLVs (LLVs)	Netherlands OEL (MAC)	Spain OEL (TWA)	United Kingdom
Glycerin 56-81-5	none	None	10 mg/m ³	10 mg/m ³

Chemical Name	European Union	United Kingdom	France OEL (VME)	Germany OEL (TWA)
Glycerin 56-81-5	None	None	10 mg/m ³	None

Chemical Name	Italy OEL (TWA)	Portugal	Netherlands OEL (MAC)	Finland OEL (TWA)
Glycerin 56-81-5	None	None	None	None

Chemical Name	Austria	Denmark	Poland	Switzerland
Glycerin 56-81-5	None	None	None	None

Chemical Name	Ireland	Norway	Spain OEL (TWA)
Glycerin 56-81-5	None	None	10 mg/m ³

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection	Impervious gloves.
Eye protection	Safety glasses with side-shields.
Skin and body protection	Lightweight protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

<u>Environmental exposure controls</u>	Prevent product from entering drains.
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9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	liquid	
Appearance	No information available	
Odour	No information available	
Boiling Point/Range	°C No data available	°F No data available
Melting point/range	°C No data available	°F No data available
Flash point	°C No data available	°F No data available
Autoignition temperature	°C No data available	°F No data available
oxidising properties	No information available	
Water solubility	soluble	

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	None under normal use.
polymerisation	Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name	LD50 (oral,rat/mouse)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat/mouse)
Glycerin	= 12600 mg/kg Oral	No data available	No data available

Principle Routes of Exposure/

Potential Health effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation
Ingestion	May be harmful if swallowed.
Carcinogenic effects	none
Mutagenic effects	none

Reproductive toxicity	none
Sensitisation	none
Target Organ Effects	No known effects under normal use conditions

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	Daphnia magna (Water flea)
Mobility	see log Pow
Biodegradation	Inherently biodegradable.
Bioaccumulation	Does not bioaccumulate.

Chemical Name	Freshwater Algae Data	Water Flea Data	Freshwater Fish Species Data	Microtox Data	log Pow
Glycerin 56-81-5		Daphnia magna EC50>500 mg/L (24 h)			logPow-1.76

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA	
Proper shipping name	Not classified as dangerous in the meaning of transport regulations.
Hazard class	None
Subsidiary Class	None
Packing group	None
UN-No	None

15. Regulatory information

International Inventories

Chemical Name	EINECS	ELINCS	ENCS	PICCS
Glycerin	Listed	-	Listed	Listed

Chemical Name	AICS	KECL	DSL	NDSL
Glycerin	Listed	Listed	Listed	-

16. OTHER INFORMATION

Reason for Revision	(M)SDS sections updated
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For research use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End of Safety Data Sheet