



Safety data sheet

GLYCERINE 4810

1. Identification of the substance and of the company

IDENTIFICATION OF THE SUBSTANCE	Glycerine
Trade name	GLYCERINE 4810
Material use	base chemical
Name of an undertaking	OLEON NV
Local address	see below this page.
EMERGENCY NUMBER	OLEON NV: +32.(0)9.341.10.11
Official advisory body	UK: National Poisons Information Service: +44.(0)191.230.5460

2. Composition / information on ingredients

chemical name	1,2,3-Propanetriol
Chemical formula	C ₃ H ₈ O ₃
CAS number	56-81-5
EINECS or ELINCS number	200-289-5
Substances presenting a health hazard	absence

3. Hazards identification

Main hazards	none
Skin contact	non irritant
Eye contact	non irritant

4. First-aid measures

Route of exposure	
Eye contact	flush with plenty of water.
Ingestion	non toxic

5. Fire - fighting measures

Extinguishing media	
Suitable	carbon dioxide (CO ₂), dry chemicals, foam.
Exposure hazards	CO, CO ₂ , H ₂ O
Protective equipment for firefighters	avoid proximity or contact with flames or sparks

6. Accidental release measures

After spillage / leakage	
on soil	absorb product with an adequate material such as paper, rags, sawdust,...
	remove mechanically
on water	soluble

7. Handling and storage

Technical measures	
STORAGE	containers must be closed to prevent ingress of moisture.

8. Exposure controls / personal protection

Personal protection	
Other personal protection	safety non-slip shoes in areas where spills or leaks can occur.



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Industrial health measures

wash hand with soap and water after product handling and before meal.

9. Physical and chemical properties

Physical state at 20°C	liquid
Colour	colourless
Odour	odourless
Change in physical state at 1013 hPa	
Melting point (°C)	ca. 18
Initial boiling point (°C)	ca. 290
Flash point (ASTM D 92) (°C)	ca. 175
Auto-ignition temperature (°C)	ca. 425
Vapour pressure (hPa)	< 1 at 100°C
Vapour pressure at 20°C (hPa)	< 0.01
Density, mass at 20°C (kg/m ³)	1260
Behaviour with water at 20°C	soluble
pH value in distilled water	ca. 7
Viscosity at 20°C (mm ² /s)	990

10. Stability and reactivity

Hazardous reactions

stable under normal operating conditions of storage, handling and use

11. Toxicological information

Rat, oral LD50 (mg/kg) 25000 : non toxic

12. Ecological information

Biodegradation
96 hours-LC50-fish (mg/l) biodegradable (readily)
>1000

13. Disposal considerations

Waste disposal according to local regulations.
incineration.
do not dispose off this product into the environment

14. Transport information

Other Not restricted for transport.

15. Regulatory information

Labelling and Classification EC Symbol(s) EC	Not classified according to EEC directives 67/548/EEC (dangerous substances) and 1999/45/EC (dangerous preparations).
United States of America	Reference Fichier 1998 Edition. FDA-Status: 21CFR 182.1320 : Glycerine
Germany Wassergefährdungsklasse Registration	WGK 1: weak water endangering listed on the United States TSCA (Toxic Substances Control Act) inventory



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listed on the swiss (liste des toxiques IGS/ IGS Giftliste) inventory n° G-1659
listed on the Filipino PICCS (Philippine Inventory of Chemicals and Chemical Substances) inventory.
listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)- EEC Directive 79/831, sixth Amendment of the directive 67/548 (dangerous substances). n° 200-289-5
listed on the Canadian DSL (Domestic Substances List) inventory.
listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. n° 2-242
listed on the AICS (the Australian Inventory of Chemical Substances).
listed on the Korean ECL (Existing Chemical List) inventory. n° KE-29297 E422

EC Food additive number

16. Other information

Further information none



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Product Code :
:
SDS number (en) : OLEO-4810

Revised : 19/09/2003

Supersedes : 19/09/2003

This data sheet conforms to standards defined by directives 91/155, 93/112/EEC & 2001/58/EC
Data sheet required pursuant to Art.14 of directive 1999/45/EC.

IMPORTANT: The information in this Data Sheet applies only to the products designated herein and produced or supplied by us. It is based on our experience and on the data available to us at the time of its issue and is accurate to the best of our knowledge. The customer is strongly advised to observe and ensure that its employees and customers observe all directions contained herein. However, no warranty is made or implied that the information is accurate or complete and no liability will be accepted whatsoever arising out of the use of the information or the products designated herein. Where third party products are used in conjunction with or instead of products produced or supplied, customers should themselves obtain all necessary technical, health and safety information about such products from the third party.