

Safety Data Sheet

Infosafe No™ ACE1M Issue Date : November 2016 ISSUED by ACECHEM

Product Name **GLYCERINE FG**

Not classified as hazardous

1. Identification

GHS Product Identifier	GLYCERINE FG												
Product Code	G132132												
Company Name	ACE CHEMICAL COMPANY (ABN 35619819300)												
Address	119A Mooringe Avenue Camden Park S.A 5038 Australia												
Telephone/Fax Number	Tel: 08-8376 0844 Fax: 08-8295 8563												
Emergency phone number	0438760844												
E-mail Address	acechem@bigpond.com												
Recommended use of the chemical and restrictions on use	Solvent, humectant, plasticizer, emollient, sweetener. Used in manufacture of nitroglycerine (dynamite), cosmetics, liquid soaps, inks, lubricants, glues, liqueurs and confectionery.												
Other Names	<table><thead><tr><th><u>Name</u></th><th><u>Product Code</u></th></tr></thead><tbody><tr><td>GLYCEROL</td><td>G132132</td></tr><tr><td>Trihydroxypropane.</td><td></td></tr><tr><td>Glycerin.</td><td></td></tr><tr><td>Propan-1,2,3-triol.</td><td></td></tr><tr><td>1,2,3-propanetriol</td><td></td></tr></tbody></table>	<u>Name</u>	<u>Product Code</u>	GLYCEROL	G132132	Trihydroxypropane.		Glycerin.		Propan-1,2,3-triol.		1,2,3-propanetriol	
<u>Name</u>	<u>Product Code</u>												
GLYCEROL	G132132												
Trihydroxypropane.													
Glycerin.													
Propan-1,2,3-triol.													
1,2,3-propanetriol													
Other Information	Ace Chemical Company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Ace Chemical Companies control.												

2. Hazard Identification

GHS classification of the substance/mixture NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Glycerol	56-81-5	100 %

4. First-aid measures

Inhalation	Remove source of contamination or move victim to fresh air. Begin artificial respiration immediately if victim is not breathing. Obtain medical attention.
Ingestion	Give plenty of water to drink and induce vomiting. Use fingers in the throat, Ipecac Syrup (APF) or similar emetic. Seek immediate medical assistance.
Skin	Wash with plenty of soap and water.
Eye contact	Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.
Other Information	Safety shower and eye washing facilities should be available.

5. Fire-fighting measures

Specific hazards arising from the chemical Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
FIRE EXTINGUISHING AGENTS Carbon dioxide, dry chemical, alcohol foam water fog, fine water spray
COMBUSTION PRODUCTS Carbon dioxide (CO₂) and carbon monoxide (CO)
Decomposition products may include oxides of carbon and a corrosive gas (acrolein)

6. Accidental release measures

Spills & Disposal CLEANUP Stop the flow if it can be done safely. Contain the spill. Recover

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liquid for recycling or disposal if feasible. Otherwise absorb the liquid on clay, sand, sawdust or other absorbent material.
DISPOSAL Dispose of by burning in an approved solvent incinerator.
If small amounts are disposed of into a sink or sewer, rinse with ample water.

7. Handling and storage

Conditions for safe storage, including any incompatibilities Store away from alkalin metals(eg. sodium,pottassium) and alkaline -earth metals(eg. magnesium and calcium)

8. Exposure controls/personal protection

Other Exposure Information TLV, 10 mg/m3 Glycerin mist(a) Worksafe Australia Exposure standards for atmosphric Contaminants in the Occupational Enviroment ((a)This value is for inspirable dust containing no asbestos and <1% crystalline silica)

Appropriate engineering controls Local exhaust ventilation system may be required. Recommend use fumecupboard if vapour or spray droplets are produced.

Personal Protective Equipment Wearing of the following personal protective equipment is recommended. Safety glasses.

9. Physical and chemical properties

Appearance Colourless viscous liquid.

Melting Point 17.9 deg C

Boiling Point 290deg C

Specific Gravity 1.260

Vapour Pressure 0.0025 mm @ 50 deg C

Vapour Density (Air=1) 3.17

Flash Point 160 deg C

Flammability Combustible.

Auto-Ignition Temperature 393 deg C

Flammable Limits - Lower No Data

Molecular Weight 92.09

Other Information Soluble in water.

10. Stability and reactivity

Possibility of hazardous reactions Violent reaction with strong oxidizing agents such as : Chromates, dichromates, potassium permanganate, sodium peroxide, silver perchlorate, calcium perchlorate, potassium peroxide, or perchloric acid.

11. Toxicological Information

Toxicology Information Oral LD50(mouse) = 5840 mg/Kg
Oral LD50(rat) = 12600mg/Kg (RTECS)

Ingestion May cause drowsiness, gastrointestinal pain, cramps, nausea, vomiting and diarrhoea, unconsciousness, and if excessively large amounts are ingested coma and death may result.

Inhalation Irritating to mucous membranes & the respiratory system on repeated exposure to vapour/dust

Skin Repeated or prolonged skin contact may lead to irritation.

Eye May be irritating to eyes.

Chronic Effects Chronic poisoning by ingestion or inhalation may include headache, giddiness

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disturbance of vision, smell, taste and sleep, trembling of the limbs, weakness and mental excitement.
These may be accompanied by loss of appetite, nausea, vomiting & diarrhoea.
May cause kidney disease.

12. Ecological information

Information on Ecological Effects Avoid contaminating waterways.

13. Disposal considerations

14. Transport information

15. Regulatory information

Poisons Schedule Not Scheduled

16. Other Information

Literature References SUPMSDSHOE.4/12/95

Contact Person/Point Ace Chemical Company
119A Mooringe Avenue
Camden Park S.A. 5038
Tel: 08-8376 0844 Fax: 08-8295 8563
or Poisons Information Centre
Tel: 13 11 26

Disclaimer:
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Empirical Formula & Structural Formula CH₂ OH CH OH CH₂ OH

...End Of MSDS...

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