

AGMAX INDUSTRIES LTD
Glycerine
SAFETY DATA SHEET

Issue Date: October 09

1. Product and Company Information

Product Name: Agmax Glycerine
Proper Shipping Name: Glycerol
Synonyms: Glycerine, Glycyl Alcohol, 1,2,3-Propanetriol
Recommended Use: As an emollient to improve teat condition
Manufacturer: Agmax Industries Limited
Address: 47 Allens Road, East Tamaki, Manukau City 2141, Auckland
Telephone Number: 09 271 5290
Facsimile Number: 09 271 5293
0508 524 824 Monday – Friday 8:00 am – 5:00 pm
NZ Emergency Number: 0800 243 622 (24 hours)
Website: www.agmax.co.nz
Email: info@agmax.co.nz

2. Hazards Identification

Classified as GRAS (generally regarded as safe) by NZSFA register

3. Composition / Information on Ingredients

Appearance: Clear odorless liquid
CAS No: 56-81-5 1,2,3-Propanetriol >99.5 %

4. First Aid Measures

Ingestion: Administer water to dilute the glycerine, call medical attention because of hazards involved in ingestion of large quantities.

Eye Contact: Rinse thoroughly with water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical attention if irritations develops.

Skin Contact: Remove contaminated clothing. Seek medical advise if irritation develops. Launder clothing before reuse. After contact with skin, wash immediately with plenty of water.

Inhalation: This is only possible by exposure to HOT product. Move to fresh air, rest. Half upright position, loosen clothing. Oxygen or artificial respiration if there is difficulty in breathing. Seek medical advise after significant exposure.

Treat symptomatically based on judgment of doctor and individual reactions of patient

5. Fire-Fighting Measure:

Specific Hazards: Combustible Liquid. At elevated temperatures there is a risk of exothermic polymerization (>200 deg C). At temperatures >280 deg C, acrolein may be formed. Cool closed containers with water. Fire Fighters should wear full protective clothing including self contained breathing apparatus.

Suitable

Extinguishing Media: Water mist, alcohol resistant foam, dry powder or carbon dioxide.

6. Accidental Release Measures:

Spill Cleanup Methods: Sweep or shovel up and recycle where possible. Remove residue by spraying with water. Material is biodegradable and presents little hazard to the environment.

7. Handling and Storage:

Handling:

No special protection required when handling at normal ambient temperatures.

Storage:

Store away from heat or ignition sources. The product is hygroscopic: keep container tightly closed. Store at ambient temperature. Keep away from strong oxidizing agents.

8. Exposure control / Personal Protection:

Exposure standards: Recommended: TWA 10mg/m3 (as mist)

Engineering controls: Ensure ventilation to maintain exposure levels below standards.

Personal Protection:

No special protection required when handling at normal ambient temperatures. At elevated temperatures, wear thermal gloves, chemical safety goggles or a face shield and a suitable apron for thermal protection.

9. Physical and Chemical properties:

Appearance and Odor:	Clear, colourless hygroscopic, syrupy liquid, almost odourless with a sweet taste
Boiling Point:	290 deg C
Specific Gravity:	1.258 (water = 1)
Solubility in Water:	Sol: g/l (25 deg C)

10. Stability and Reactivity:

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Refer to section 7

11. Toxicological Information:**Glycerine**

Oral LD50 (rat) 12600 mg/kg

12. Ecotoxicity Information:

Aquatic Toxicity: (fish) LC50 > 5000 mg/l/96hr.
(algae) EC50 >2900 mg/l/48hr
(bacteria) IC50 >10000 mg/l/72hr.

This material is biodegradable

13. Disposal Considerations:**Container disposal:**

+ Dispose of in accordance with local regulations

Product disposal: Dispose of by incineration

14. Transport Information:

UN No. N/A
Dangerous Goods Class: C.1
Hazchem code: N/A
Packing group:
Proper Shipping Name: Glycerol
Segregation: Don't store with strong oxidizing agents

15. NZ Regulatory Information:

Classified as GRAS (generally regarded as safe) by NZSFA register.

16. Other Information:

New Zealand Poisons Information Center 0800 POISON (0800 764 766)

Disclaimer:

The data given relates to this product alone, and not to its use in conjunction with other substances or products. In such circumstances, assuming the combination is permitted, refer to product labels, be guided by the most hazardous of the substances involved and observe the more stringent hazard controls applicable.

The information contained in this Safety Data Sheet was obtained from current and reliable sources. The data is supplied without warranty, expressed or implied regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use of this product.