

GLYCERINE BP

Revision Date: 25 April 2014

Version :1 – 1



Material Safety Data Sheet in accordance with NOHSC:2011

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

Trade name: GLYCERINE BP

Material number: 031601

Other Names Vegetable Glycerin; Glycerin, Glycerol; 1,2,3-Propanetriol; Glyceritol; Glycic Alcohol; 1,2,3-Trihydroxypropane; 1,2,3-Propanetriol

Identification of the company

Khotso Pty Ltd

t/a eBotaniq

PO Box 60

Wahroonga NSW 2076

☎ : +61 (0)490069282

🌐 : www.eBotaniq.com.au

Information about the substance/preparation

Regulatory Department

e-mail: ProductSafety@eBotaniq.com.au

2. Hazards identification

Hazard Classification

Not classified as hazardous according to the criteria of ASCC.

Not classified as dangerous goods according to the Australian Code for Transport of Dangerous Goods (ADG).

Risk phrase(s) : Non listed

Safety phrase(s) : Non listed

3. Composition/information on ingredients

Chemical characterisation

CAS#	Chemical Name	Percent	EINECS/ELINCS
56-81-5	Glycerine	99.9	200-289-5

Hazardous ingredients

Non listed; Essentially non-hazardous

4. First aid measures

General information

Remove soiled or soaked clothing immediately

After inhalation

Immediately seek fresh air after inhaling of dust, fumes, vapour or aerosol keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

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After contact with skin

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention.

After contact with eyes

Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.

After ingestion

Rinse mouth. Call a Poisons Information Centre [Sydney [T] 131126] or doctor/ physician if you feel unwell. (Treat symptomatically).

Advice to doctor

Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Compatible with all usual extinguishing media

Extinguishing media that must not be used for safety reasons

No restrictions

Special protective equipment for fire fighting

Use self-contained breathing apparatus

Impermeable protective clothing (jacket and trousers) with helmet.

Special hazards arising from the substance or mixture

None known.

Further information

Wear protective equipment

6. Accidental release measures

Environmental precautions

Prevent from entering drains, surface and ground

Methods for cleaning up/taking up

Slippery when spilt. Take up in an absorbent (sand, vermiculite etc) Rinse away with small amounts with water.

7. Handling and storage

Advice on safe handling

Handling: Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation.

Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Wash clothing before reuse.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. No special precautions indicated.

8. Exposure controls / personal protection

The following exposure standard has been established by The Australian Safety and Compensation Council(ASCC);

Glycerin (mist) CAS no:56-81-5

TWA =10mg/m³

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NOTE: The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity

Occupational exposure controls

Hygiene measures

Precautions: Goggles and gloves should be worn if there is a risk of splashing.

9. Physical and chemical properties

Physical State	Liquid
Appearance	clear
Odour	faint odour
pH	Not available.
Vapor Pressure	.0025 mm Hg @ 5
Vapor Density	3.17 (H ₂ O=1)
Evaporation Rate	Not available.
Viscosity	Not available.
Boiling Point	290 °C
Freezing/Melting Point	-53-3 °C
Auto-ignition Temperature	~ 400 °C
Flash Point	193 °C
Decomposition Temperature	290 °C
Solubility	Miscible in water. Insol. in chloroform,
Specific Gravity/Density	1.2636
Molecular Formula	C ₃ H ₈ O ₃
Molecular Weight	92.0542

10. Stability and reactivity

Chemical Stability: Stable.

Conditions to Avoid: Incompatible materials, ignition sources, excess heat.

Incompatibilities with Other Materials: Not available.

Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Will not occur.

11. Toxicological information

Acute oral toxicity :

TOXICITY DATA:

LD50oral, rat >2000mg/Kg

IRRITATION DATA

Skin, rabbit: Not irritating

Eye, rabbit: Not irritating

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Irritant effect on skin : Unlikely to be irritant. Heated product may cause thermal burns if contacted

Irritant effect on eyes : Accidental exposure to the eyes will cause only a mild but transient irritation.

12. Ecological information

Fish toxicity : LC50 (96 Hr.) rainbow trout = 50-67 mg/L; 12 degrees CLC50 (96 Hr.) goldfish = >5000 mg/L

Ecotoxicity: No data available. Cas# 56-81-5:

Environmental: No information available.

Physical: No information available.

Other: No information available.

13. Disposal considerations

Disposal methods

Product

Product should be taken to a suitable and authorized waste disposal site in accordance with relevant Regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities

Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste

14. Transport information

Land : ADG

Land : NZS5433

Air : IATA

Sea : IMDG

Not restricted

Not restricted

Not restricted

Not restricted

15. Regulatory information

Poison schedule (SUSMP): None Allocated

HSNO Approval Number: NA

Tracking: This product is not a Tracked Substance

Approved Handler: This product does not require Approved Handlers

National Chemical Inventories

AICS : All components are listed on the Australian Inventory of Chemical Substances.

16. Other information

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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Since the actual use of this product is beyond the control of Khotso Pty Ltd t/a eBotaniq, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.

