

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: Glycerine (vegetable)

PRODUCT CODE: 70067

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.
Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Single chemical substance, purity at least 99.5%

H-No: CAS No: 56-81-5 Status: Synthetic

CoE No: FEMA: Additives:

FDA: IFRA: Application: aromatherapy, skin care etc

RIFM: EINECS: 2002895 RTECS:

INCI name: Glycerine FCCIV:

3. HAZARDS IDENTIFICATION:

Not a hazardous substance or preparation according to EC directives 67/548/EC

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Remove material from mouth. Drink plenty of water. If large amounts swallowed or symptoms develop, obtain medical attention.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: During burning, poisonous acrolein may be formed. Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: No special precautions required

ENVIRONMENT PRECAUTIONS: No special precautions required

CLEANING UP METHODS FOR SPILLAGES: Contain spilled material. Cover with an inert or non-combustible non-organic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

FURTHER INFORMATION: Contaminated surfaces may be extremely slippery

7. HANDLING & STORAGE.

No special precautions are necessary. Store in original containers and avoid extremes of temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area to meet exposure limits (see section 11)
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR:	Colourless
APPEARANCE:	Clear, viscous liquid
ODOUR:	Odourless
FLASH POINT °C:	177 (approx)
VAPOUR PRESSURE @ 20°C:	<0.01mbar
SPECIFIC GRAVITY @ 20°C:	1.200 – 1.300
REFRACTIVE INDEX @ 20°C:	1.465 – 1.480

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

LD50 Oral Rat	12,600mg/kg
LD50 Dermal Rabbit	>18,700mg/kg
Skin and Eye Irritation	Slightly irritating (rabbit)

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Completely biodegradable
LC50 Fish	>10,000mg/l (24 hour)
EC50 Bacteria	>10,000mg/l (24 hour)
WATER CONTAMINATING CLASS	WGK 1

13. DISPOSAL CONSIDERATIONS.

Recycle where possible. Incinerate according to local regulations.

14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
Air (IATA/ICAO):	n/a
SEA (IMDG):	n/a
CHIP:	See section 15

15. REGULATORY INFORMATION. According to Directive 88/379/EEC

HAZARDS:	n/a
SYMBOLS:	n/a
RISK PHRASES:	n/a
SAFETY PHRASES:	n/a

16. OTHER INFORMATION.

Cosmetics Directive 7th Amendment: not restricted

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 6 monthly intervals up to a maximum shelf life of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.