SAFETY DATA SHEET

UK REACH & GB CLP Regulation (EC) No 1272/2008, as retained in UK law

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: VEGETABLE GLYCERINE 99.5%
INCI Name: GLYCERIN
CAS No: 56-81-5
EINECS No: 200-289-5
TSCA CAS No:
FEMA:
Ph. Eur. Name: Glycerolum/Glycerol
Botanical Name:
Origin: U.K.

Relevant identified uses of the substance or mixture and uses advised against

Identified use (s): Humectant, skin protecting, viscosity controlling material for manufacturing purposes.

Details of the supplier of the safety data sheet

Company Name: Byon Limited
Address: Gemma House, 39 Lilestone Street, London, England, NW8 8SS
Telephone : 0333 339 3295
Email : contact@ukonyx.com
Emergency Tel. No.: 0333 339 3295
National emergency telephone number: National Poisons Information Service
For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)
If you are a healthcare professional with an enquiry please visit www.TOXBASE.org

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to GB CLP (Regulation (EC) No 1272/2008 as retained in UK law) and EU CLP (Regulation (EC) No 1272/2008).

Not classified as hazardous according to GB CLP and EU CLP criteria

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: VEGETABLE GLYCERIN (100% Pure & Natural)

Glycerin - 1,2,3– Propanetriol

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.

Inhalation: Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.

Eye contact: Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.

Skin contact: Remove contaminated clothing wash thoroughly with soap and water and rinse. May causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguisher: Use CO2, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.

Smoke/Fumes: Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

Personal Safety Precautions: Avoid contact with skin and eyes. Wear safety gloves and glasses.
Note that spillages constitute a slipping hazard.
When product is heated, splashes with HOT PRODUCT can cause severe burns. (Consult sections 7 & 8 for additional information)

Environmental Safety Precautions: Eliminate all sources of ignition.
Prevent any material entering drains or waterways.

Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.) Wash area clean with water and detergent.Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

Handling Precautions: Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.

Storage Precautions: Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.



Skin/Hand Protection: Wear personal protective equipment.
Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.



Eye/Face Protection: Wear safety glasses/visors. Ensure eye washes are available.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless viscous liquid
Odour:	Bland odour
Flash Point:	>180ºC
Boiling Point:	290ºC
Specific Gravity @ 25°C:	1.263 - 1.265
Melting Point:	18ºC
Solubility:	Soluble in hot or cold water, methanol & acetone

10. STABILITY AND REACTIVITY

Thermal stability: Product is stable at room temperature.
Keep away from any source of ignition.
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

Hazardous reactions: Avoid strong oxidisers, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

Oral LD_{50}: >5000mg/Kg (Rat) **This product is NOT intended for oral use.**

Dermal LD_{50}: N/A

LD50 dosage levels are only a guideline obtained from historical data.

12. ECOLOGICAL INFORMATION

Ecological effects: Fish Acute LC_{50} >10000mg/l Algae EC_{50} >10000mg/l

Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not pour into drains or waterways.
Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

Biodegradability:- (OECD 301 Test) - >60% (Readily) after 28 days
(OECD 311 Test) - >60% (Readily) after 10 days

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS

15. REGULATORY INFORMATION

Product Classification: VEGETABLE GLYCERINE

Not classified as hazardous under GB CLP or EU CLP. No hazard labelling is required.

Classification: NON– HAZARDOUS

Safety Precautions: Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Byon Limited shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

Revision history: Version 5 (16/10/2026) - regulatory references updated to UK REACH and GB CLP; references to the withdrawn EU Dangerous Substances Directive (67/548/EEC) removed.