SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product:	**Vegetable Glycerine**	Issue Date: 14/03/2026
Version:	**1.0**	Version 1 (14/03/2025)

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier:	1,2,3 Propanetriol Glycerol Glycyl Alcohol Vegetable Glycerine EP/USP Grade 99.5% Min, Vegetable Glycerine Ph. Eur Grade E422
Other identifiers:	NA

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

Product uses: Additive in detergents, body washing products, cosmetics and other industrial/commercial uses. Feed and food additives.

1.3 Details of the supplier of the safety data sheet

Company name:	The Flavour Smiths
Company address:	Unit 5 Holland Business Park, Congleton, CW12 1PN
Contact:	The Flavour Smiths
E-Mail address:	info@theflavoursmiths.co.uk
Company phone:	01260 540 900

1.4 Emergency telephone number

Emergency phone:	01260 540 900

Section 2. Hazards identification

2.1 Classification of the substance or mixture

	Classification under Regulation (EC) No 1272/2008
Class and category of danger:	This product does not meet the classification and labelling criteria given in the Regulation (EC) No. 1272/2008 (CLP)

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2.2 Label elements

	Classification under Regulation (EC) No 1272/2008
Signal word:	
Hazard statements:	
Supplemental Information:	
Precautionary statements:	
Pictograms:	

2.3 Other hazards

Sensitisers declared on a CLP Hazard Label:	This product has no label elements
Hydrocarbon Concentration %:	Not applicable

Section 3. Composition / information on ingredients

3.1 Chemical Identity:

Chemical Identity	Glycerine
CAS No	56-81-5
EINECS NO:	200-289-5

Section 4. First-aid measures

4.1 Description of first aid measures

Eye Exposure:	Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.
Skin Exposure	In case of contact with skin wash off immediately with soap and water
Ingestion:	Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person.
Inhalation	Ensure supply of fresh air. Remove affected person from the immediate area.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media:	Carbon dioxide; Alcohol-resistant foam; Dry chemical extinguisher; Water spray jet
Unsuitable media:	High power water jet

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated:	Carbon monoxide and carbon dioxide.

5.3 Advice for fire fighters:

Protective actions during firefighting:	Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel	Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product.
For emergency personnel	No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up:

Pick up with absorbent material (e.g., sand, kieselguhr, acid binder, universal binder, sawdust).

6.4 Reference to other sections:

No data available.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Advice on safe handling	Provide good ventilation at the work area (local exhaust ventilation, if necessary). Avoid eye, skin and clothing contact.
General protective and hygiene measures	Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures and storage conditions:	Keep container tightly closed and dry in a cool, well-ventilated place.
Requirements for storage rooms and vessels:	Keep only in the original container.
Incompatible products:	Do not store together with: oxidizing agents; Alkalis

7.3 Specific end use(s):

No data available.

Section 8. Exposure controls/personal protection

8.1 Control parameters

No parameters available for monitoring.

8.2 Exposure Controls Eye / Skin Protection

Personal protective equipment:

Respiratory protection	If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event

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	workplace threshold values are not specified.
Eye / Face Protection	Tightly fitting safety glasses (EN 166).
Hand Protection:	In case of intensive contact, wear protective gloves (EN 374). Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves
Appropriate Material :	Butyl rubber, nitryl rubber

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Colourless
Odour:	Odourless
Evaporation rate:	Negligible
Oxidising:	Non-oxidising by EC criteria
Boiling point or initial boiling point and boiling range:	Approximately 290 deg C
Flammability:	No data available
Flash point:	Approximately 175 deg C, closed cup
Auto-ignition temperature:	400 deg C
pH:	Not applicable / not determined
Viscosity:	1300-1500 mPa s.
Solubility:	Soluble in water
Vapour pressure:	1 hPa @ 20°C. 1 hPa @ 50°C
Density and/or relative density:	1.26g/ml
Particle characteristics:	Not applicable - liquid

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Section 10. Stability and reactivity

10.1 Reactivity:

No data available.

10.2 Chemical stability:

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions:

No information available.

10.4 Conditions to avoid:

Heat; Protect from sun.

10.5 Incompatible materials:

Oxidizing agents; Alkalis.

10.6 Hazardous decomposition products:

No data available.

Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute Toxicity:	Shall not be classified as acutely toxic based on available data.
Acute Toxicity Oral	Acute toxicity oral (LD_{50}mg/kg): 2000 Species: RAT
Acute Toxicity Dermal	No data available
Acute Toxicity Inhalation	No data available
Skin corrosion/irritation:	No data available

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Serious eye damage/irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
STOT-single exposure:	No data available
STOT-repeated exposure:	No data available
Aspiration hazard:	No data available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route

Refer to Sections 2 and 3 for additional information

11.2 Information on other hazards

Endocrine disrupting properties: does not contain an endocrine disruptor at a concentration of 0.1% or greater based on available information. Other information: repeated or prolonged skin contact may increase the risk of sensitisation.

Section 12. Ecological information

12.1 Toxicity:

Toxicity to fish (acute)	LC50 > 5000 mg/l
Toxicity to fish (chronic)	No data available
Toxicity to daphnia (acute)	No data available
Toxicity to daphnia (chronic)	No data available
Toxicity to algae (acute)	No data available
Toxicity to algae (chronic)	No data available
Bacteria toxicity	No data available

12.2 Persistence & Degradability:

Biodegradability:	Biodegradable
Bioaccumlative Potential:	No data available

Mobility in Soil:	No data available
RESULTS OF PBT and vPvB ASSESSMENT	No data available
ENDOCRINE DISRUPTING PROPERTIES:	No data available
OTHER ADVERSE EFFECTS:	No data available
OTHER INFORMATION:	Do not discharge product unmonitored into the environment.

Section 13. Disposal considerations

13.1 Waste treatment methods:

General information:	Waste should be treated as controlled waste. Do not puncture or incinerate, even when empty.
Disposal methods:	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority
Packaging:	taken for recycling.

Section 14. Transport information

TRANSPORT ADR/RID/ADN:	The product is not subject to ADR/RID/ADN regulations.
TRANSPORT IMDG:	The product is not subject to IMDG regulations.
TRANSPORT ICAO-TI / IATA:	The product is not subject to ICAO-TI / IATA regulations.
OTHER INFORMATION:	No data available.
ENVIRONMENTAL HAZARDS:	Information on environmental hazards, if relevant, please see 14.1 - 14.3.
SPECIAL PRECAUTIONS FOR USER:	No data available.
MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS: **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**	Not relevant

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation):

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In accordance with the REACH regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.

REACH candidate list of substances of very high concern (SVHC) for authorisation

In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation ("Authorization list").

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON

THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The substance is not subject to the provisions of annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This substance is not subject to Part 1 or 2 of Annex I

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

Section 16. Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH),

1272/2008 (CLP) as amended, EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU.

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the

corresponding section

Key to abbreviations:

Abbreviation	Meaning
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation
EC	European Community number
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
PBT	Persistent, Bioaccumulative and Toxic

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee