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SAFETY DATA SHEET

Revison: 30.11.2020
Supersedes date: 21-02.2012

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

1.1 Product name: Glycerine - Glycerol (E422) - 100% plantaardig - GMO-vrij - OVL01
Glycerin - Glycerol (E422) - 100% vegetal - GMO-free - OVL01
Chemical name: **1,2,3-Propanetriol**
Registration numer: Exempted of REACH registration requirements
Identification number: CAS 56-81-5

1.2. Use of the substance/preparation: Food, feed, cosmetics, pharma

1.3 Company/undertaking identification

1.3.1 Supplier identification:
Supplier's trade name: SoapQueen vof
Adress: Veilingdreef 20, 4614 RX Bergen op Zoom, Nederland
Phone number: +31 (0)164 254900 - Office Hours: 09:00 - 17:00 (weekdays only)
Emergency Telephone: 112

2. HAZARDS IDENTIFICATION

2.1. Clasification of the substance or mixture

Clasification according to Regulation (EC) No 1272/2008 as amended.
Hazard summary: no hazards resulting from the material as supplied.

2.2. Label elements

Label according to Regulation (EC) No 1272/2008 as amended
Contains: Glycerol
Hazard pictograms: None
Hazard statements: The substance does not meet the criteria for classification.
Precautionary statement
Prevention: Observe good industrial hygiene practices
Response: Wash hands after handling.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.
Supplemental label information: None.

2.3. Other hazards: This substances does not meet vPvB/PBT criteria of Regulation (EC) No 1907/2006, Anex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number: 56-81-5
ES (EINECS) Number: 200-289-5
REACH Registration: Exemted of REACH registration requirements.

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Synonyms:* **Glycerol, 2-Propanol,1,3-dihydroxy-, Propanetriol, 1,2,3-Trihydroxy-propane, Glycerin, Glycerine, Glyceritol, Glycyl alkohol, Trihydroxy-propane**

Hazardous Component(s): This is NOT a preparation, which includes hazardous substances according to European legislation in force. (Regulation 1907/2006, Annex V).

4. FIRST AID MEASURES

4.1 General information: Not estimated

4.2 Inhalation: Immediately bring the victim to the fresh air. In case of apneusis carry out artificial respiration. In case of breathlessness use oxygen. In case of cough or other symptoms seek medical advice.

4.3 Skin contact: Wash thoroughly with water and soap at least 15 minutes and simultaneously take off contaminated clothing and shoes. If problems persist seek medical advice. Wash clothes thoroughly before use.

4.4 Eye contact: Flush with large amounts of fresh water at least 15 minutes. Keep eyelids well opened. In case of irritation seek medical attention.

4.5 Ingestion: Don't put anything into victims' mouth. Don't induce vomiting. If victim is conscious, flush mouth with water and let victim drink 2-4 cups of water or milk. If irritation or other symptoms persist, seek medical advice.

4.6 Other information: -

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: Dry chemicals, carbon dioxide, water spray, water foam, according to character of the fire.

5.2 Extinguishing media which must not be used for safety reasons: Not known - according to character of the fire.

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: The product is low hazardous from the fire-fighting point of view. Cool down containers by using water sprays. Thermal decomposition or combustion can develop irritant and highly toxic gases. Vapours are heavier than air and will spread along ground and collect in low or confined areas. Keep out of low areas. Ventilate closed spaces before entering. Explosion hazard in case of warming-up.

5.4 Special protective equipment for fire-fighters: Use suitable respiratory system protection. In case of fire use breathing apparatus.

5.5 Other information: None.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Wear suitable personal protective equipment. Ensure adequate ventilation. Remove source of ignition. Avoid breathing mist or vapour from heated material. Avoid contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

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6.2 Environmental precautions: Avoid release to the sewers, watercourses, soil, underwater or environment.

6.3 Methods for cleaning up: Absorb liquid into suitable inert material (soil, dry sand) and put into suitable labelled container. Avoid release to the sewers, watercourses, soil, underwater or environment. Immediately remove the rest of product. Remove all sources of ignition. Ensure sufficient ventilation.

6.4 Other information:-

7. HANDLING AND STORAGE

7.1 Handling: After handling product, wash thoroughly yourself. Remove all contaminated clothes and wash it thoroughly before next use. Wash hands before eating. Ensure sufficient ventilation. Avoid contact with eyes, skin or clothes. Keep containers tightly closed. Avoid inhalation or ingestion.

7.2 Storage: Store in cool, dry, good ventilated areas. Keep away from incompatible substances. Store the product in clean and tightly closed containers. Keep away from oxidising and self-igniting substances. Keep away from heat, sparks and open flame. Keep container tightly closed.

7.3 Specific use(s): Food, feed, cosmetics, pharma. Observe industrial sector guidance on best practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values: Glycerine:

OSHA TWA 10 mg/m3

ACGIH TWA 10 mg/m3

UK WEL TWA 10 mg/m3

OSHA TWA 5 mg/m3 (respirable fraction)

Biological limit values: No biological exposure limits noted for the ingredient (s).

Derived no effect levels (DNELs): not available.

Predicted no effect concentration (PNECs): not availabe

8.2 Exposure controls:

8.2.1 Occupational exposure controls: Ensure good ventilation/exhaustion at the workplace. Ensure possibility to flush out eyes and shower room availability. Avoid contact with eyes, skin and inhalation of vapours. Use personal protective equipment as required. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment with combination filter (type A2/P2). Check with respiratory protective equipment suppliers..

Hand protection: Wear protective gloves.

Eye protection: Wear protective chemical resistant goggles

Skin protection: Wear suitable protective clothes.

8.2.2 Environmental exposure controls: Contain spills and prevent releases and observe national regulation on emissions.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information:

Appearance (at 20°C): , semi-viscous Liquid

Colour: colourless

Odour: Slight smell

9.2 Important health, safety and environmental information:

pH (at 20°C): Neutral, 5-6

Melting point/range (°C): 18/20°C

Boiling point/range (°C): 290°C

Flash point (°C): 199°C*

Flammability : Low-flammable

Auto-ignition temperature: 392,78°C

Oxidising properties: Not estimated

Explosive limits:

Lower (% vol.): 1,1

Higher (% vol.): Not estimated

Vapour pressure (at 20°C): 0,0025 mm Hg (50°C)*

Solubility (at 20°C):

- water solubility: Soluble in water.

- solubility in fats:-

- solubility in organic solvents: Soluble in alcohol, ethyl acetate, ether.Insoluble in chloroform, benzene, tetrachloride, oils, carbon disulphide et al.

Partition coefficient: n-octanol /water: Not estimated

Specific gravity: 1,26 (water = 1)

Vapour density: 3,18 (air = 1)

Molecular gravity: 92,09

Decomposition point (°C): 290°C

Viscosity: 1412 mPa ·s

9.3 Other information:-

10. STABILITY AND REACTIVITY

10.1 Stability: Stable in normal temperature and pressure. There is no danger of hazardous polymerization.

10.2 Conditions to avoid: Avoid contact with high temperatures, possible sources of ignition and avoid contact with incompatible substances.

10.3 Materials to avoid: Avoid contact with this substances: potash (explosive reaction), acetic anhydride (vigorous reaction), strong oxidizers, peroxides, acids, alkalies, iron oxides, reducers, chlorine (explosive reaction) at al.

10.4 Hazardous decomposition products: Thermal decomposition develops carbon oxides, acroleine, toxic and irritant gasses and vapours.

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10.5 Other information:-

11. TOXICOLOGICAL INFORMATION

General information: occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation: Inhalation of oil mist or vapours formed during heating of the product will irritate the respiratory system and provoke coughing.

Skin contact: Prolonged skin contact may cause irritation.

Eye contact: May cause eye irritation on direct contact.

Ingestion: May cause discomfort if swallowed. Ingestion of excessive quantities may result in headache, dizziness, nausea, vomiting, thirst and diarreha.

Symptoms: Irritation of eyes and mucous membranes. Mild skin irritation. Ingestion of excessive quantites may result in headache, dizziness, nausea, vomiting, thirst and diarrhea. Exposure to hot material may cause thermal burns.

11.1. Information on toxicological effects

Acute toxity: Not expected to be acutely toxic.

Skin corrosion/irritation: Prolonged skin contact may cause irritation.

Serious eye damage/eye irritation: May cause eye irritation on direct contact.

Respiratory sensitisation: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell matugenicity: Based on available data, the classification criteria are not met.

Carcinogenity: Based on available data, the classification criteria are not met.

Reproductive toxity: Based on available data, the classification criteria are not met.

Specific target organ toxicity – single exposure: Based on available data, the classification criteria are not met.

Specific target organ toxity – repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Mixture versus substance information: The product is substance.

Other information: No other specific acute or chronic impact noted.

12. ECOLOGICAL INFORMATION

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12.1 Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exlude the possibility that large or frequent spills can have a harmful or damaging effect on the environtment.

12.2 Persistence and degrability: The product is biodegradable..

12.3 Bioaccumulative potencial: The product is not bioaccumulating.
Bioconcentration factor (CSF): Not available

12.4 Mobility in soil: Expected to be highly mobile in soil
Mobility in general: The product is water soluble and may spread in water systems.

12.5 Results of PBT and vPvB assessment: This substance does not meet vPvB/PBT criteria of Regulation (EC) No 1907/2006, Anex XIII.

12.6 Other adverse effects: No other adverse environmental effects (s.g. ozone depletion, photomechanical ozone creation potential, endocrine disruption, global warning potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Residual waste: Dispose of in accordance with local regulations
Contaminated packing: Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code: 07 06 99 or 07 01 99

13.2 The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information: Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

This product is not classified as a dangerous for transport (ADR/RID, IMDG, ICAO/IATA).

14.1 Transport in bulk accordingly to Anex II of MARPOL 73/74 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended.
Not listed

Regulation (EC) No. 850/2004 On persistent organic pollutants, Anex I as amended.
Not listed**.**

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Anex I, Part 1 as amended.
LINot listed.

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Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Anex I, Part 2 as amended.

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Anex I, Part 3 as amended.

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Anex V as amended.

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended.

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59 (10) Candidate list as currently published by ECHA.

Not listed.

Authorisations

Regulstion (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended.

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended.

not listed.

Directive 2012/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations

This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

15.2 Chemical safety assessment

A chemical Safety Assessment is not required for this substance.

16. OTHER INFORMATION

List of abbreviation

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PBT: Persistent, bioaccumulative and toxic.
vPvB: Very Persistent and very Bioaccumulative.
TWA: Time weighted average.

References

HSDB
IARC: International Agency for Research on Cancer.

Information on evaluation method leading to the classification of mixture

Full text of any H-statements not written out in full under Sections 2 to 15. None

This SDS contains revisions in the following section(s):
Training information: Follow training instructions when handling this material.

Disclaimer
This safety Data Sheet is speciffically designed to comply with the requirements of the EU Regulation called REACH – registration, Evaluation and Authorisation of Chemicals (EC No. 1907/2006 of the European Parliament and of the Council of 18 December 2006) and the corresponding country law, and may not comply with the requirements of any other regulations for safe product handling.

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