



Trade name: GLUCAM(TM) E-20 HUMECTANT

Substance number: 270700

Version: 3 / CH

Date revised: 27.02.12

Replaces Version: 2 / CH

Date of printing: 14.06.12

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

1.1. Product identifier

GLUCAM(TM) E-20 HUMECTANT

Item-No. 27070000

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG
Industriestrasse 35
9101 Herisau
Telephone no. 0041 (0)71 353 58 58
E-mail address of person responsible for this SDS
sdb@haenseler.ch

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)
Aquatic Chronic 4 H413

Classification in accordance with EC directives

Classification R53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard statements

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

P273 Avoid release to the environment.
P501.1 Dispose of contents/container to be taken to an authorised special waste incineration plant.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

R phrases

53 May cause long-term adverse effects in the aquatic environment.

S phrases ***

60 This material and its container must be disposed of as hazardous waste.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

3. Composition/information on ingredients ***

Hazardous ingredients ***

Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, ether with methyl D-glucopyranoside (4:1);
Ethoxylated methyl D-glucoside; methyl 2,3,4,6-tetrakis-O-[2-(2-hydroxyethoxy)ethyl]-D-



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glucopyranoside

CAS No. 68239-42-9

Concentration >= 50 %

Classification (Regulation (EC) No. 1272/2008)
Aquatic Chronic 4 H413**4. First aid measures****4.1. Description of first aid measures****After inhalation**

Remove the casualty into fresh air and keep him calm.

After skin contact

Wash off with soap and water. Consult a doctor if skin irritation persists. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do not induce vomiting. Summon a doctor immediately.

5. Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Dry powder, Foam, Water

Non Suitable extinguishing media

Full water jet

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Wear full protective suit. Use self-contained breathing apparatus.

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. Ensure adequate ventilation.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Dispose of absorbed material in accordance with the regulations.

7. Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

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

7.2. Conditions for safe storage, including any incompatibilities



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Requirements for storage rooms and vessels

No special measures required.

8. Exposure controls/personal protection**8.2. Exposure controls****Respiratory protection**

At intensive and longer exposition use self-contained breathing apparatus.

Hand protection

Gloves

Appropriate Material nitrile rubber - NBR

Gloves

Appropriate Material neoprene

Eye protection

Safety glasses

Body protection

Protective clothing

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form**

Liquid

Colour

yellow

Odour

mild

Odour threshold

Remarks

Not determined

Source

Safety Data Sheet Supplier

pH

Remarks

Not determined

Source

Safety Data Sheet Supplier

Melting point

Remarks

Not determined

Source

Safety Data Sheet Supplier

Boiling point

Value

> 316

°C

Source

Safety Data Sheet Supplier

Flash point

Value

313

°C

method

Cleveland open cup - COC

Source

Safety Data Sheet Supplier

Explosion limits

Remarks

Not determined

Source

Safety Data Sheet Supplier

Vapour pressure

Remarks

Not determined

Source

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Density

Value

1.2

Temperature

20

°C



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Solubility in other solventsRemarks soluble
Source Safety Data Sheet Supplier**Thermal decomposition**Value 300 °C
Source Safety Data Sheet Supplier**Viscosity**

Source Safety Data Sheet Supplier

9.2. Other information**Bulk density**Remarks Not determined
Source Safety Data Sheet Supplier**Other information**

The product is not dangerous for explosions.

10. Stability and reactivity**10.4. Conditions to avoid**

No decomposition if stored and applied as directed.

Thermal decompositionValue 300 °C
Source Safety Data Sheet Supplier**10.5. Incompatible materials**

Acids, Strong oxidising agents

10.6. Hazardous decomposition products

Fume, Carbon monoxide and carbon dioxide, Aldehydes

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**Species rat
LD50 > 5000 mg/kg
Source Safety Data Sheet Supplier**Acute dermal toxicity**Species rabbit
LD50 > 2000 mg/kg
Source Safety Data Sheet Supplier**Acute inhalational toxicity**Remarks No data available.
Source Safety Data Sheet Supplier**Skin corrosion/irritation**Remarks No effect of irritation known.
Source Safety Data Sheet Supplier**Serious eye damage/irritation**Remarks No effect of irritation known
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Sensitization

Remarks No sensitisation effect known.
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Subacute, subchronic, chronic toxicity

Remarks No data available.
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Mutagenicity

Remarks No data available.
Source Safety Data Sheet Supplier

Reproduction toxicity

Remarks No data available.
Source Safety Data Sheet Supplier

Carcinogenicity

Remarks No data available.
Source Safety Data Sheet Supplier

Other information

By appropriate use of the product no health damage is known.

12. Ecological information**12.1. Toxicity****Fish toxicity**

LC50 > 1000 mg/l
Source Safety Data Sheet Supplier

Algae toxicity

Remarks No data available.
Source Safety Data Sheet Supplier

Bacteria toxicity

EC50 > 1000 mg/l
Source Safety Data Sheet Supplier

12.2. Persistence and degradability**Biodegradability**

Remarks Not applicable.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information**Land transport ADR/RID**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.



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Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information

16. Other information

Hazard statements listed in chapter 3

H413

May cause long lasting harmful effects to aquatic life.

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.