

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SYN®-HYCAN

5034736

Version 2.00000

Revision Date 30.03.2010

Print Date 30.03.2010

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

Product information

Trade name : SYN®-HYCAN

Use of the Substance/Mixture : Ingredient for personal care products

Company : DSM Nutritional Products Ltd.
Wurmisweg 576
CH-4303 Kaiseraugst

Telephone : +41618158888
Telefax : +41618157253

Emergency telephone : +41 62 866 2314
E-mail address : sds.nutritionalproducts@dsm.com
Responsible/issuing person

2. HAZARDS IDENTIFICATION

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Brief description of the product : Mixture (preparation) containing active ingredient and auxiliary substances

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

Further ingredients

Chemical Name	CAS-No. EC-No. Registration number	Classification	GHS Classification	Concentration [%]
glycerol	56-81-5 200-289-5			>= 60 - <= 100

4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.

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- Eye contact : Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions : Try to prevent the material from entering drains or water courses.
Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up : Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : For personal protection see section 8.
No special handling advice required.
- Advice on protection against fire and explosion : Take precautionary measures against static discharges.

Storage

- Requirements for storage areas and containers : Keep container tightly closed and dry.
Protect against light.
- Advice on common storage : No special restrictions on storage with other products.
- Storage temperature : 2 - 8 °C

Other data : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
glycerol	56-81-5	TWA	10 mg/m ³	2005-04-06	GB EH40
2: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used					

Engineering measures

For technical measures see section 7.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : Glove material: for example nitrile rubber
- Eye protection : Safety glasses
- Skin and body protection : Protective suit
- Hygiene measures : General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : viscous, liquid
- Colour : colourless - light yellow - opaque
- Odour : none

Safety data

- Flash point : > 220 °C
- Density : 1,15 - 1,22 g/cm³ (at 20 °C)
- Water solubility : soluble

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Solubility in other solvents : Oils and fats: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid : Heat.

Materials to avoid : Strong acids and strong bases
Strong oxidizing agents

Thermal decomposition : no data available

Hazardous reactions : No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

|| Skin irritation : None of the components is classified as an irritant.

|| Eye irritation : None of the components is classified as an irritant.

|| Sensitisation : None of the components is classified as a sensitiser.

|| Further information : No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

ADR
Not dangerous goods

IATA

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Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

1999/45/EC

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.