according to EC directive 1907/2006

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## **HYDRODERM**

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

Trade name : HYDRODERM

Relevant identified uses of the substance or mixture

: Manufacture of cosmetic products

Details of the supplier of the : Gracefruit Limited

safety data sheet

Gracefruit Limited 146 Glasgow Road

Stirlingshire FK4 1QL

e-mail address : enquiries@gracefruit.com

#### 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008 (GHS)

Chronic aquatic toxicity, Category 3, H412

Classification according to directives 1999/45/EC and 67/548/EEC

No particular hazards known.

Warning - this preparation contains a substance not yet tested completely.

Label elements according to Regulation (EC) No 1272/2008 (GHS)

Hazard Statements : H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements : P273: Avoid release to the environment.

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## HYDRODERM

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : aqueous preparation of ceramides and phytosphingosine

#### Hazardous components according to the Regulation (EC) No 1272/2008 (GHS)

Chemical Name	CAS / EC / Registration No.	Concentration [%]	GHS product identifier
1,3,4-Octadecanetriol, 2-amino-, (2S,3S,4R)-	554-62-1 439-210-6	> 0,2 - <0,5	Aquatic Acute, 1, H400 Aquatic Chronic, 1, H410 Eye Dam. / Eye Irrit., 1, H318

#### 4. FIRST AID MEASURES

#### Description of first aid measures

After inhalation : Ensure supply of fresh air.

After contact with skin : In case of contact with skin wash off with soap and water.

After contact with eyes Flush eye immediately and thoroughly whilst protecting the

unhurted eye.

: Take medical treatment. After ingestion

#### The most important acute and delayed symptoms and effects

**Symptoms** : No information is on file to date regarding acute and/or delayed

post-exposure symptoms and effects.

#### Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing

media

: foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing

media

: not applicable

Special hazards arising

from the substance or

mixture

: In the event of fire the following can be released:

- carbon dioxide, carbon monoxide

- Nitrogen oxides (NOx)

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## **HYDRODERM**

Advice for fire-fighters : Do not inhale explosion and/or combustion gases

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Environmental precautions : Do not allow to enter drains or waterways

Do not discharge into the subsoil/soil.

Methods and material for

containment and cleaning

up

Take up with absorbent material (eg sand, kieselguhr,

universal binder)

Dispose of absorbed material in accordance with the

regulations.

Reference to other sections : For further information on exposure monitoring and disposal

see sections 8 and 13.

#### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Hygiene measures : Do not eat, drink or smoke when working.

Wash hands before breaks and after work.

## Conditions for safe storage, including any incompatibilities

Advice on protection against fire and explosion

: No special measures required.

Further information : Keep container closed.

German storage class : 10

Specific end use(s) : No further recommendations.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Contains no substances with occupational exposure limit values (Germany).

DNEL/DMEL values : No DNEL/DMEL values on file.

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## **HYDRODERM**

PNEC values : No PNEC values on file.

Personal protective equipment / exposure controls

Respiratory protection : in case of formation of vapours/aerosols:

Short term: filter apparatus, Filter A-P2

Hand protection : PVC gloves

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Eye protection : goggles with side pieces

Skin and body protection : light protective clothing

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid Colour : white

Odour : characteristic

Smell threshold : not measured

Melting temperature : not measured

Boiling temperature : not measured

Flash point : not applicable

Evaporation rate : not measured

Ignition temperature : not measured

Autoignition temperature : not measured

Thermal decomposition : Not measured

Lower explosion limit : not measured

Upper explosion limit : not measured

Vapour pressure : not measured

Density : not measured

Relative vapour density : not measured

Water solubility : miscible

pH : 5,5 - 7,0

neutral

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## HYDRODERM

Partition coefficient (n-

octanol/water)

: not measured

Viscosity, dynamic not measured

Explosive properties not measured

Oxidizing properties not measured

Metal corrosion not measured

## 10. STABILITY AND REACTIVITY

Reactivity see section "Possibility of hazardous reactions"

Chemical stability The product is stable under normal conditions.

Possibility of hazardous

reactions

No hazardous reactions with proper storage and handling.

Conditions to avoid Unknown

Incompatible materials Unknown

Hazardous decomposition

products

None with proper storage and handling.

#### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin irritation : no data available

Eye irritation : no data available

Sensitization no data available

Risk of aspiration toxicity : No aspiration toxicity classification

Repeated dose toxicity : no data available

Judgement STOT - single

exposition

: no data available

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## **HYDRODERM**

Judgement STOT -

repeated exposure

: no data available

**CMR** assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction : no data available

Remarks Proper use provided, no adverse health effects have been

observed or have been come to our knowledge.

## 12. ECOLOGICAL INFORMATION

## Further ecological information

Remarks The product is considered to be a water pollutant (German

Do not allow to enter soil, waterways or waste water canal.

## 13. DISPOSAL CONSIDERATIONS

Product : In accordance with local authority regulations, take to special

waste incineration plant

: If empty contaminated containers are recycled or disposed of, Contaminated packaging

the receiver must be informed about possible hazards.

## 14. TRANSPORT INFORMATION

# Land transport

ADR:

Not regulated

RID:

Not regulated

## Inland navigation transport

ADNR:

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## **HYDRODERM**

Not regulated

Sea transport

IMDG:

Not regulated

Air transport

ICAO/IATA:

Not regulated

## 15. REGULATORY INFORMATION

## National legislation / regulations

Comply with national and local legal regulations.

Germany

TA Luft (Germany) : Class: Paragraph 5.2.5 (no class)

Observe local authority regulations corresponding to the german incident

regulation (StörfallV).

Water contaminating class : 2 (Classification acc. to German law)

Risk classification

according to BetrSichV

(Germany)

---

Other regulations : none

Chemical safety : No chemical safety assessment was carried out for this

assessment product.

## **16. OTHER INFORMATION**

none

## R-phrases and H-phrases of components from chapter 3 - Full wording

H318 : Causes serious eye damage. H400 : Very toxic to aquatic life.

H410 : Very toxic to aquatic life with long lasting effects.

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**HYDRODERM** 

**Glossary** 

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ADR European Agreement concerning the International Carriage of Dangerous Goods by Road ADNR European agreement concerning the international carriage of dangerous goods by inland

waterways (ADN)

BCF Bioconcentration factor

1.2

BetrSchV German Ordinance on Industrial Safety and Health CMR carcinogenic-mutagenic-toxic for reproduction

DNEL Derived no effect level GLP Good Laboratory Practice

IATA International Air Transport Association ICAO International Civil Aviation Organization IMDG International Maritime Dangerous Goods LOAEL Lowest observed adverse effect level

LOEL Lowest observed effect level NOAEI No observed adverse effect level

OECD Organisation for Economic Cooperation and Development

PBT Persistent, bioaccumulative, toxic
PNEC Predicted no effect concentration

RID Convention concerning International Carriage by Rail

TA Technical Instructions

TRGS Technical Rules for Hazardous Substances VCI German chemical industry association vPvB very persistent, very bioaccumulative

VOC volatile organic compounds

VwVwS German Administrative Regulation on the Classification of Substances Hazardous to Waters

into Water Hazard Classes

WGK Water Hazard Class

EC50 half maximal effective concentration
STOT Specific Target Organ Toxicity
OEL Occupational Exposure Limit
PEC Predicted effect concentration
NOEC no observed effect concentration

NOEL no observed effect level

ISO International Organization For Standardization

DIN German Institute for Standardization

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

Changes compared to the previous version are marked before the section number!