

Safety data sheet according to 1907/2006/EC Article 31

Version: 3.0

Revision: 03/2016

Printing date: 06.09.17

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SECTION 1: Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier

Trade name: Steareth-2

Substance name: octadecan-1-ol, ethoxylated

Registration number: ---

EC number: 5000178

Index number: ---

CAS number: 9005-00-9

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

Application of the substance / the preparation
Surfactant raw material

Recommended restriction of use
No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Chanjao Longevity Co., Ltd.
50 Ramindra 14, Bangkok 10230 THAILAND
+66 02 002 7 002

Telephone no.: +66 02 002 7 002

E-Mail: care@myskinrecipes.com

1.4 Emergency telephone number: +66-02-0027002

*SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 2

H411

Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms

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Hazard statements

Toxic to aquatic life with long lasting effects.

Precautionary statements

Avoid release to the environment.

2.3 Other hazards

not required

*SECTION 3: Composition / information on ingredients

Chemical characterization

Fatty alcohol polyglycolether

Hazardous ingredients

EC/CAS REACH	Substance Haz. label H phrases
5000178 9005-00-9 ---	octadecan-1-ol, ethoxylated H411



Aquatic Chronic 2

approx. 100 %

*SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated soaked clothing immediately and dispose of safely.

In the event of symptoms refer for medical treatment.

Inhalation

Remove the casualty into fresh air and keep him calm.

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Skin contact

In case of contact with skin wash off immediately with plenty of water.

Eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

Ingestion

Do not induce vomiting.
Summon a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If swallowed or in the event of vomiting, risk of product entering the lungs.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, stomach should be pumped out under addition of Dimeticon.

***SECTION 5: Firefighting measures**

5.1 Extinguishing media

Suitable extinguishing media:
alcohol-resistant foam
carbon dioxide
water spray jet

Unsuitable extinguishing media:
No further relevant information available.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Special protective equipment:
No further relevant information available.

Addition information:
Do not inhale explosion and/or combustion gases.

***SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin.

6.2 Environmental precautions

Do not discharge into the drains/surface water/groundwaters.

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6.3 Methods and material for containment and cleaning up

Take up with absorbent material.

e.g. general-purpose binder

Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

Observe section 7 of the Safety Data Sheet.

Observe section 8 of the Safety Data Sheet.

Observe section 13 of the Safety Data Sheet.

*SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures necessary.

Information about fire and explosion protection:

No special measures necessary.

General information:

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

Observe section 6 of the Safety Data Sheet.

Observe section 8 of the Safety Data Sheet.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

No special measures necessary.

Information about storage in one common storage facility:

No further relevant information available.

Further information about storage conditions:

No further relevant information available.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Components with occupational exposure limits to be monitored

not required

DNEL

not required

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PNEC

not required

8.2 Exposure controls

Appropriate engineering controls

No further relevant information available.
Observe section 7 of the Safety Data Sheet.

Personal protective equipment

Eye protection (EN 166)
goggles

Hand protection (EN 374)

For permanent contact gloves made of the following materials are suitable (Permeation according to EN 374 Part 3: Level 6):

Nitrile rubber (NBR) gloves

The exact penetration time must be obtained from the manufacturer of the protective gloves and has to be observed. The determination of penetration times according to EN 374 part III is not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Skin protection (EN 465)
protective clothing

Respiratory protection (EN 141/149)

not required

General protective measures / hygiene measures

Observe the usual precautions when handling chemicals.

Environmental exposure controls

Observe section 6 of the Safety Data Sheet.

Observe section 7 of the Safety Data Sheet.

*SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	solid	
Colour:	colourless - bright yellow	opaque
Odour:	characteristic	
Odour threshold:	not determined	
pH-value: water	10 % 6	at 20 °C
Melting point:	46 °C	DIN 19268 DGF C-IV 3a

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Boiling point:	> 250 °C	
Flash point:	> 100 °C	
Evaporation rate:	not applicable	
Flammability (solid, gas):	not determined	
Explosion limits:	not determined	
Vapour pressure:	< 0,1 mbar at 20 °C	
Vapour density:	not determined	
Density:	0,85 g/cm ³ at 60 °C	DIN 51757
Solubility: water	insoluble	
Partition coefficient: n-octanol/water	not determined	
Self-ignition:	not determined	
Decomposition temperature:	not determined	
Viscosity (dynamic):	13 mPa*s at 60 °C	
Explosive properties:	---	
Oxidising properties:	---	

9.2 Other information

No further relevant information available.

*SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

No further relevant information available.

10.4 Conditions to avoid

No special measures necessary.

10.5 Incompatible materials

No special measures necessary.

10.6 Hazardous decomposition products

None with proper handling and storage.

*SECTION 11: Toxicological information

LD50 (oral): > 2000 mg/kg

- Primary irritancy
Irritant effect on skin: slightly irritant
Irritant effect on eyes: slightly irritant

Respiratory or skin sensitisation

No sensitising effects known.

- Experiences made in practice
Has a degreasing effect on the skin.
- General remarks

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The product has not been tested. The information is derived from products of similar composition.

*SECTION 12: Ecological information

- Data on elimination (persistence and degradability)

- Eliminability:
> 60 % after 28 d OECD 301D
- Validation
Readily biodegradable.
- General information
This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

- Ecotoxic effects

- EC50: > 1 mg/l
- Behaviour in sewage treatment plants
According to available knowledge, causes no problems in biological decomposition in sewage treatment plants.

- General ecological information

- General information
The breakdown properties of the product have not been tested. The information on these was derived from products of similar structure or composition.
-

*SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation:
Can be taken to an incineration plant, if relevant regulations in force are being observed and, if necessary, after consulting the waste disposal agency, respectively the relevant authorities. Do not allow product to reach the drainage.

Contaminated packaging

Recommendation:
Contaminated packaging should be emptied as far as possible and may be reused after appropriate cleansing.

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SECTION 14: Transport information

14.1 UN number

ADR: 3077ue
IMDG: 3077
IATA: 3077

14.2 UN proper shipping name

ADR: Environmentally hazardous substance, solid, n.o.s.
(Alcohol ethoxylate)
IMDG: Environmentally hazardous substance, solid, n.o.s.
(Alcohol ethoxylate)
IATA: Environmentally hazardous substance, solid, n.o.s.
(Alcohol ethoxylate)

14.3 Transport hazard class(es)

ADR: 9
IMDG: 9
IATA: 9

14.4 Packing group

ADR: III
IMDG: III
IATA: III

14.5 Environmental hazards

ADR: The material is harmful to the environment.
IMDG: The material is harmful to the environment.
IATA: The material is harmful to the environment.

14.6 Special precautions for user

ADR:
Danger code (Kemler): 90
Tunnel restriction code: -
IMDG:
EmS: F-A S-F
IATA:
No further relevant information available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not required

*SECTION 15: Regulatory information

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

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Substances of very high concern (SVHC) according to REACH,
Article 57
not required

1005/2009/EC (on substances that deplete the ozone layer)
not required

850/2004/EC (on persistent organic pollutants)
not required

649/2012/EU (concerning the export and import of hazardous
chemicals)
not required

2012/18/EU (on the control of major-accident hazards involving
dangerous substances)
E2

Water hazard class (FRG): 2

Storage class (TRGS 510) (FRG)
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15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

* Data altered compared to previous version

Relevant H-phrases (see item 3)

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Toxic to aquatic life with long lasting effects.

This information is based on our present state of knowledge. It should not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Existing acts and regulations must be observed by the recipient of our products under his own responsibility.