

HOSTACERIN T-3

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Substance key: SXR023942

Revision Date: 27.05.2015

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

1.1. Product identifier

Trade name

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Material number: 107850

CAS number : 68439-49-6

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

Relevant identified uses of the substance or mixture

Industry sector : Personal Care

Type of use : Emulsifier for cosmetics.

1.3. Details of the supplier of the safety data sheet

Identification of the company

Clariant Produkte (Deutschland) GmbH

65926 Frankfurt am Main

Telephone no. : +49 69 305 18000

Information about the substance/mixture

BU Industrial & Consumer Specialties

Product Stewardship

e-mail: SDS.Europe@clariant.com

1.4. Emergency telephone number

00800-5121 5121 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Hazard class	Hazard category	H-phrases
Serious eye damage/eye irritation	Category 1	Causes serious eye damage.
Acute aquatic toxicity	Category 1	Very toxic to aquatic life.
Chronic aquatic toxicity	Category 2	Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

This classification is based on the current CESIO recommendations. It may deviate from a

possible classification deriving solely from the data of the Toxicology and Ecology sections.

Hazard pictograms



Signal word
Danger

Hazard statements

H318

Causes serious eye damage.

H410

Very toxic to aquatic life with long lasting effects.

Precautionary statements

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/ face protection.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER or doctor/ physician.

P391

Collect spillage.

P501.1

Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

No additional hazards are known except those derived from the labelling.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

(C16-C18) fatty alcohol polyglycol ether

INCI name

Ceteareth-3

CAS number :

68439-49-6

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove/Take off immediately all contaminated clothing.

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After inhalation

If inhaled, remove to fresh air.
Get medical advice/ attention.

After contact with skin

In case of contact, immediately flush skin with soap and plenty of water.

After contact with eyes

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

After ingestion

If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

4.2. Most important symptoms and effects, both acute and delayed

Symptoms

No symptoms known currently.

Hazards

No hazards known at this time.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet
Alcohol-resistant foam

Extinguishing media that must not be used for safety reasons

Carbon dioxide (CO₂)
Dry powder
High volume water jet

5.2. Special hazards arising from the substance or mixture

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)

5.3. Advice for firefighters

Special protective equipment for firefighting

Self-contained breathing apparatus

Further information

Wear suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow to enter drains or waterways

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4. Reference to other sections

Additional information

Information regarding Safe handling, see chapter 7.

For personal protection see section 8.

Information regarding Waste Disposal, see chapter 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Handle and open container with care.

Hygiene measures

Wash hands before breaks and at the end of workday.

Use protective skin cream before handling the product.

Take off immediately all contaminated clothing and wash it before reuse.

Advice on protection against fire and explosion

Keep away sources of ignition.

Take precautionary measures against build-up of electrostatic charges, e.g. earthing during loading and off-loading operations.

Dust can form an explosive mixture in air.

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep containers tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

No further recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Exposure limit values are not available.

DNEL/DMEL values

DNEL/DMEL values are not available.

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PNEC values

PNEC values are not available.

8.2. Exposure controls

General protective measures

Avoid contact with skin and eyes.

Respiratory protection :

Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure
Full mask to standard DIN EN 136
Respirator with a particle filter (EN 143)
The use of filter apparatus presupposes that the environment atmosphere contains at least 17% oxygen by volume, and does not exceed the maximum gas concentration, usually 0.5% by volume. Relevant guidelines to be considered include EN 136/141/143/371/372 as well as other national regulations.

Hand protection :

Long-term exposure
Impervious butyl rubber gloves
Minimum thickness (glove): not determined
With solid dry substances permeation is not to be expected, therefore the breakthrough-time for this protective glove has not been measured.
For short-term exposure (splash protection):
Nitrile rubber gloves.
Minimum thickness (glove): not determined
With solid dry substances permeation is not to be expected, therefore the breakthrough-time for this protective glove has not been measured.
These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

Eye protection :

Depending on the risk, wear sufficient eye protection (safety glasses with side protection or goggles, and if necessary, face shield.)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : solid
Form : Wax.
Particle size : : not tested.
Colour : white

Safety Data Sheet in accordance with Regulation (EU) No.453/2010

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Odour :	characteristic
Odour threshold :	not tested.
pH value :	approx. 7 (20 °C, 10 g/l) Ethanol/Water 1:1
Drop point :	approx. 39 °C Method : DGF-C-IV 3b
Boiling point :	not determined
Flash point :	approx. 200 °C Method : DIN 51584 (open cup)
Evaporation rate :	Not applicable
Lower explosion limit :	Not applicable
Upper explosive limit :	Not applicable
Combustion number :	BZ1 Does not catch fire
Minimum ignition energy :	not tested.
Vapour pressure :	< 0,001 Pa (25 °C) Method : Calculated by Syracuse.
Vapour density relative to air :	Not applicable
Solubility in water :	insoluble
Soluble in ... :	fat not tested.
Octanol/water partition coefficient (log Pow) :	Not applicable
Ignition temperature :	Not applicable
Self-ignition temperature :	not tested.
Thermal decomposition :	> 390 °C Method : DTA
Viscosity (dynamic) :	approx. 15 mPa.s (50 °C) Method : DIN 53015
Viscosity (kinematic) :	not tested.
Explosive properties :	Explosive according transport regulation : no data available
Oxidizing properties :	Not applicable

9.2. Other information

Density :	0,9 g/cm ³ (50 °C) Method : DIN 51757
Bulk density :	not tested.

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SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.3. "Possibility of hazardous reactions"

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

not known

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information related to the product itself:

Acute oral toxicity :	LD50 > 2.000 mg/kg (Rat) Method : OECD Test Guideline 401
Acute dermal toxicity :	not tested.
Acute inhalation toxicity :	not tested.
Irritant effect on skin :	No skin irritation (Rabbit) Source : CESIO
Irritant effect on eyes :	Risk of serious damage to eyes. (rabbit eye) Source : CESIO
Sensitization :	non-sensitizing (Guinea pig) Method : OECD Test Guideline 406 Source : Analogy
Repeated dose toxicity:	not tested.
Assessment of mutagenicity :	Not mutagenic in Ames Test Source : Analogy
Assessment of carcinogenicity :	No information available.

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Assessment of toxicity to reproduction : No information available.

Assessment of teratogenicity : No information available.

Specific target organ toxicity (STOT) - single exposure : not tested.

Specific target organ toxicity (STOT) - repeated exposure : not tested.

SECTION 12: Ecological information

12.1. Toxicity

Information related to the product itself:

Fish toxicity : LC50 100 mg/l (96 h, Danio rerio (zebra fish))
Method : OECD Test Guideline 203

Daphnia toxicity : not tested.

Algae toxicity : not tested.

Bacteria toxicity : EC50 > 1.000 mg/l
Method : OECD Test Guideline 209

12.2. Persistence and degradability

Information related to the product itself:

Biodegradability : > 80 %
Method : OECD Test Guideline 302B

Chemical oxygen demand (COD) : 1.988 mg/g

12.3. Bioaccumulative potential

Information related to the product itself:

Bioaccumulation: not tested.

12.4. Mobility in soil

Information related to the product itself:

Transport and distribution between environmental compartments : not tested.

Behaviour in environmental compartments
no data available

12.5. Results of PBT and vPvB assessment

Information related to the product itself:

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no data available

12.6. Other adverse effects

Information related to the product itself:

Additional ecotoxicological remarks

no data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

In accordance with local authority regulations, take to special waste incineration plant

Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14: Transport information

Section 14.1. to 14.5.

ADR

UN no.	UN 3077
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Hazard inducer(s):	FATTY ALCOHOL POLY GLYCOL ETHER
Class:	9
Primary risk:	9
Packing group:	III
Hazard no. :	90
Remarks	Shipment permitted

ADN

UN no.	UN 3077
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Hazard inducer(s):	FATTY ALCOHOL POLY GLYCOL ETHER
Class:	9
Primary risk:	9
Packing group:	III
Remarks	Shipment permitted

RID

UN no.	UN 3077
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Hazard inducer(s):	FATTY ALCOHOL POLY GLYCOL ETHER
Class:	9
Primary risk:	9
Packing group:	III
Hazard no. :	90
Remarks	Shipment permitted

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IATA

UN no.	UN 3077
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Hazard inducer(s):	FATTY ALCOHOL POLY GLYCOL ETHER
Class:	9
Primary risk:	9
Packing group:	III
Remarks	Shipment permitted

IMDG

UN no.	UN 3077
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Hazard inducer(s):	FATTY ALCOHOL POLY GLYCOL ETHER
Class:	9
Primary risk:	9
Packing group:	III
Remarks	Shipment permitted
Marine pollutant:	Marine Pollutant
EmS :	F-A S-F

14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code (International Bulk Chemicals Code)

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

Other regulations

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

15.2. Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

SECTION 16: Other information

Observe national and local legal requirements

Legend

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
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ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AOX	Adsorbable organic bound halogens
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect Level (genotoxic substances)
DNEL	Derived No Effect Level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOEC	Non Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PEC	Predicted Environmental Concentration
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Rule for Transport of Dangerous Substances by Railway
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bioaccumulative

Decimal notation: "thousands" places are identified with a dot (for example, "2.000 mg/kg" means "two thousand mg/kg"). Decimal places are identified with a comma (for example, "1,35 g/cm³" means "one point three five g/cm³").

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.