

Safety Data Sheet according to (EC) No 1907/2006

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SDS no.: 322377

CETIOL C5

Revision: 19.10.2010

printing date: 04.02.2011

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

Trade name:
CETIOL C5

Identification of the substance or preparation:
Octanoic acid, coco alkyl esters

Usage:
Cosmetical products

Company/Undertaking Identification:
Cognis GmbH
Rheinpromenade 1
40789 Monheim am Rhein
Germany
Phone: +49 (211) 7940-0

Contact:
safety-data-sheet-cc@cognis.com

Emergency information:
+49 211 797 3350

2. Hazards identification

Special hazards to man and environment according to 67/548/EC:

Symbols of danger:
Not subject to the regulation.

R-phrases:
none

S-phrases:
none

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Special hazards to man and environment according to (EC) 1272/2008:

Not subject to the regulation.

Hazard statement:

none

Precautionary statement:

none

3. Composition/information on ingredients

General chemical description:

Octanoic acid, coco alkyl esters

4. First aid measures

General information:

In case of adverse health effects seek medical advice.

After inhalation:

not relevant.

After skin contact:

Rinse with running water.

After eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

After ingestion:

Rinse the mouth. Drink 1-2 glasses of water.

5. Fire fighting measures

Suitable extinguishing media:

foam , extinguishing powder, carbon dioxide

Extinguishing media which must not be used for safety reasons:

water spray jet

High pressure waterjet

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Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

Special hazards by the product itself:

Formation of toxic gases is possible during heating or in fires.

Combustion products or gases to be formed:

Carbon dioxide.

6. Accidental release measures

General information:

Danger of slipping on spilled product.

Objects coming into contact with the product must be thoroughly rinsed.

Personal precautions:

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Wear protective equipment.

Keep unprotected persons away.

Take great care to avoid inhalation of the aerosol.

Environmental precautions:

Do not allow large amounts to be released into the sewer system.

Prevent further leakage or spillage.

Methods for cleaning and take-up:

Remove with liquid-absorbing material (sand, peat, sawdust).

Remove dry, forms a slippery coating with water.

7. Handling and storage

Handling:

No smoking.

Avoid open flames.

Storage:

Store in a cool place in closed original container.

< + 30 °C

Keep container in a well ventilated place.

Keep container tightly sealed.

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8. Exposure controls/personal protection

Additional information for system design:

No further information, see section 7.

Respiratory protection:

When processing large amounts.

Hand protection:

Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately.

Recommended protective gloves Material / coating thickness	Breakthrough time	Remark
Natural latex / 0,4 mm	Level 3 > 60 min.	In case of full contact

Eye protection:

Protective goggles

Skin protection:

suitable protective clothing

General protection and hygiene measures:

Keep away from food, beverages and animal feed.
 Wash hands before work breaks and after finishing work.
 Avoid eye contact.
 Do not eat, drink or smoke while working.
 Immediately remove soiled or soaked clothing.
 Store working clothes separately.
 Avoid skin-contact.

9. Physical and chemical properties

Designation	Value	Method/ Remark
Delivery state:	liquid	
State:	liquid	
Odor:	little intrinsic odour	
Color(s):	colourless to yellowish	
Odour Threshold		Not available
pH-value		Not available
Boiling point		Not available
Melting point		Not available
Dropping point/range		Not available
Pour point/range:		Not available
Cloud point		Not available
Softening point/range:		Not available
Crystallization temperature		Not available
Decomposition temperature		Not available
Flash point		Not available
Flammability		Not available

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Decomposition point		Not available
Autoignition temperature		Not available
Evaporation rate		Not available
Oxidizing properties		Not available
Upper/lower flammability or explosive limits		Not available
Vapor pressure		Not available
Density (20 °C)	0,856 - 0,862 g/cm ³	ISO 2811-3
Vapour Density		Not available
Bulk density		Not available
Viscosity		Not available
Solubilities		Not available
Solidification temperature		Not available
Ignition temperature		Not available
Combustion index		Not available
Lower dust explosion limit		Not available
Oxidizing effects		Not available
Dust explosion class VDI 2263		Not available
Octanol/Water distribution coefficient		Not available
minimum ignition energy		Not available
Sustaining combustibility		Not available
Combustibility behavior of accumulated dust		Not available
Ignitability of the solid		Not available

10. Stability and reactivity

Materials to avoid:

No substance are known which lead to the formation of hazardous substances or thermal reactions.
None if used for intended purpose.

Hazardous decomposition products:

None if used for intended purpose.
No decomposition if used according to specifications.

11. Toxicological information

General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

Acute toxicity

Acute oral toxicity:

LD50 > 5000 mg/kg body weight
GHS: No category

Skin irritation:

not irritating
GHS: No category

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Eye irritation:

not irritating
GHS: No category

Sensitizing:

Not available

Mutagenicity

Not available

Carcinogenicity

Not available

Teratogenicity

Not available

Reproductive toxicity

Not available

STOT-single exposition

Not available

STOT-repeated exposition

Not available

Aspiration hazard

Not available

12. Ecological information

General ecological information:

The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Toxicity

Acute fish toxicity:

LC50 > 100 mg product/l.
GHS: No category

Acute bacterial toxicity:

EC0 > 100 mg product/l.

Chronic fish toxicity:

Not available

Chronic invertebrate toxicity:

Not available

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Chronic bacterial toxicity:

Not available

Metabolization in higher organisms:

Not available

Primary degradation:

Not available

Ultimate biodegradation:

Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached.

GHS: No category

Elimination ability / Potential degradability:

Not available

Chemical oxygen demand:

Not available

Biological oxygen demand:

Not available

Persistence

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Results of PBT and vPvB assessment

Not available

Other remarks:

Not available

13. Disposal considerations

Product disposal:

In consultation with the responsible local authority, must be subjected to special treatment: Neutralisation

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14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. Regulatory information

The labeling of the product is indicated in Section 2

16. Other information

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.