

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : C 45 Cleansing lotion
Revision : 12.01.2010 Version : 2.0.0
Print date : 12.01.2010

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

Product name : oro[®] Hygienesystem C 45 Cleansing lotion
Use of the substance / preparation : C 45 is a mild wash lotion that does not contain any soaps or alkaline ingredients.
Manufacturer/Supplier : orochemie GmbH + Co. KG
Street/P.O.Box : Max-Planck-Straße 27
Country code/Postal code/Town/City : 70806 Kornwestheim
Telephone : +49 7154 1308-0
Telefax : +49 7154 1308-40
Emergency information : +49 7154 1308-0

02. Hazards identification

Hazard designation

-

Particular information pertaining specific risk for human and environment

None, if handled according to order.

03. Composition/information on ingredients

Chemical characterization

C 45 contains skin-mild surfactants, refatting substances, allantoin and auxiliary agents in aqueous solution.

Hazardous components

FATTY ALCOHOL ETHERSULFATE, SODIUM SALT ; CAS-No. : 68891-38-3

Percentage : 5 - 10 %

Classification : Xi ; R 41 Xi ; R 38

COCOAMIDOALKYLBETAINE ; CAS-No. : 61789-40-0

Percentage : 1 - 5 %

Classification : Xi ; R 36

For the wording of the listed risk phrases refer to section 16.

04. First-aid measures

General

No particular measures required.

After inhalation

No particular measures required.

After skin contact

No particular measures required.

After eye contact

Flush with plenty of water (10 - 15 min.). In all cases of doubt, or when symptoms persist, seek medical attention.

After ingestion

Drink plenty of water. Do not induce vomiting. In all cases of doubt, or when symptoms persist, seek medical attention.

05. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide. Extinguishing powder. Water haze. Not combustible under normal conditions. Adapt extinguishing measures to suit the environment.

Unsuitable extinguishing media

Waterjet.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

None known.

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Special protective equipment

Adapt protective equipment to surrounding fire.

06. Accidental release measures

Personal precautions

No particular measures required.

Environmental precautions

Prevent from flowing into surface water/ground water.

Methods for cleaning up/collecting

Take up with a liquid absorbing material and proceed according to the waste disposal regulations.

Additional information

Remove according to regulations.

07. Handling and storage

Information for safe handling

No particular measures required.

Information about protection against explosions and fires

No anti-explosion measures necessary.

Requirements to be met by storerooms and containers

Keep only in the original container. Keep in a cool place. Do not store in temperatures below 5 °C.

Information about separation of incompatible products

Store the foodstuffs separately.

08. Exposure controls/personal protection

Additional information about engineering measures

No particular measures required.

Personal protective equipment

Do not eat or drink during work - no smoking. Keep away from food, drink and animal feeding stuff. Avoid contact with eyes.

Respiratory protection

No particular measures required.

Hand protection

No particular measures required.

Eye protection

No particular measures required.

Body protection

No particular measures required.

09. Physical and chemical properties

Image

Form : Liquid.
Colour : Light blue.
Odour : Mild aromatic.

Relevant safety data

Melting point / range :	(1013 hPa)	no data available	
Boiling point / range :	(1013 hPa)	no data available	
Flash point :		not applicable	DIN 51755
Ignition temperature :		not applicable	
Lower explosion limit :		not applicable	
Upper explosion limit :		not applicable	
Density :	(20 °C)	1,02 - 1,03	g/cm ³
Solubility in water :	(20 °C)	100	% b.w.
pH value :		5 - 6	
Flow time :	(20 °C)	115 - 165	s DIN-cup 4 mm

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10. Stability and reactivity

Conditions to avoid

None, if handled according to order.

Materials to avoid

None known.

Hazardous decomposition products

None known.

11. Toxicological information

Toxicological tests

LD50/LC50 values that are relevant for classification

No data available.

Primary irritant effect

No data available.

Sensitization

No data available.

Experience on practice

No known toxic effects on humans.

Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

Details on elimination (persistence / degradability)

Abiotoxic elimination

No data available.

Biological degradation / elimination

The surfactants comply with OECD guidelines and are therefore biodegradable.

Fate in environmental compartments

There are no data available on the preparation itself.

Ecotoxicological effects

Performance in sewage-treatment plants

In case of appropriate conduction into adapted biological purification plants no disturbances have to be expected.

13. Disposal considerations

Product

Concentrate/larger quantities: EWC 07 06 01 aqueous cleaning liquid. Disposal in conformity with authority regulations.

Contaminated packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. Transport information

Land transport ADR/RID

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

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Classification according to EC directives

Although there is no labelling required for this product, we nevertheless advise observation of the safety recommendations.

S-phrases

25 Avoid contact with eyes.

16. Other information

Processing instructions / technical data sheets

Please observe the label/directions for use!

Further information

Relevant changes

03. Hazardous components

R-Phrases of components

36 Irritating to eyes.
38 Irritating to skin.
41 Risk of serious damage to eyes.

Contact

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
