

# Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : oro<sup>®</sup> Cleaning and Care of Artificial Leather  
Revision : 01.06.2010 Version : 3.0.0  
Print date : 01.06.2010

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

**Product name :** oro<sup>®</sup> Cleaning and Care of Artificial Leather  
**Use of the substance / preparation :** oro<sup>®</sup> Cleaning and care of artificial leather cleans and cares for all seat covers and other surfaces made from artificial leather.  
**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

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## 02. Hazards identification

### Hazard designation

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### Particular information pertaining specific risk for human and environment

None, if handled according to order.

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## 03. Composition/information on ingredients

### Chemical characterization

oro<sup>®</sup> Cleaning and care of artificial leather contains special tensides, silicon compounds and care components derived from avocado oil.

### Hazardous components

SECONDARY ALCOHOL, ETHOXYLATED (> 5 - 15 EO) ; CAS-No. : 68131-40-8

Percentage : 1 - 5 %

Classification : Xi ; R 41 Xn ; R 22

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

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## 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.

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## 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.

### Special protective equipment

Adapt protective equipment to surrounding fire.

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## 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.

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## 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.

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## 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.

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## 09. Physical and chemical properties

### Image

Form : Liquid.  
Colour : Milky. White.  
Odour : Characteristic.

### Relevant safety data

Melting point / range :	( 1013 hPa )	ca.	no data available	
Boiling point / range :	( 1013 hPa )		100	°C
Flash point :			not applicable	DIN 51755
Lower explosion limit :			not applicable	
Upper explosion limit :			inapplicable	
Density :	( 20 °C )		0,95 - 1	g/cm <sup>3</sup>
Solubility in water :	( 20 °C )		100	% b.w.
pH value :			3 - 7	

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## 10. Stability and reactivity

### Conditions to avoid

None, if handled according to order.

### Materials to avoid

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None known.

### Hazardous decomposition products

None known.

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## 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).

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## 12. Ecological information

### Details on elimination (persistence / degradability)

#### Abiotoxic elimination

No data available.

#### Biological degradation / elimination

No data available.

### 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.

#### Other information

No data available.

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## 13. Disposal considerations

### Product

Concentrate/larger quantities: EWC 07 06 99 Waste, n.o.s. 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.

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## 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 : -

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## 15. Regulatory information

### Classification according to EC directives

There is no labelling required according to EC guidelines.

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101

Safety data sheet available for professional user on request.

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### 16. Other information

#### **Processing instructions / technical data sheets**

Please observe the label/directions for use!

#### **Further information**

##### **Relevant changes**

15. Special designation for certain preparations

##### **R-Phrases of components**

22                      Harmful if swallowed.  
41                      Risk of serious damage to eyes.

#### **Contact**

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Dipl. Ing. Elisabeth Gehring Tel. No.: +49 7154 1308-37

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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.

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