

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : B 15 Disinfection wipes
Revision : 12.01.2010 Version : 1.0.0
Print date : 12.01.2010

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

Product name : oro[®] Hygienesystem B 15 Disinfection wipes
Use of the substance / preparation : B 15 Disinfection wipes are ready-to-use, alcohol-free wipes for the wipe disinfection and cleaning of the surfaces of medical equipment.
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

B 15 Disinfection wipes contain a working solution of B 15. 1 wipe contains quaternary ammonium compounds, alkylamines, nonionic tensides, alkaline cleaning components, complexing agents and adjuvants in an aqueous solution.

Hazardous components

1 wipe contains:

3-AMINOPROPYL-DODECYLPROPANE-DIAMINE ; EC-No. : 219-145-8; CAS-No. : 2372-82-9

Percentage : 0,029 g

Classification : N ; R 50 C ; R 35 Xn ; R 48/22

DIDECYL-METHYL-POLY(OXYETHYL)-AMMONIUMPROPIONATE ; CAS-No. : 94667-33-1

Percentage : 0,017 g

Classification : N ; R 50 C ; R 34 Xn ; R 22

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

Flush with plenty of water.

After eye contact

Flush with plenty of water (10 - 15 min.). Contact a doctor immediately.

After ingestion

No particular measures required.

05. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide. Extinguishing powder. Water haze.

Unsuitable extinguishing media

None known.

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

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : B 15 Disinfection wipes
Revision : 12.01.2010 Version : 1.0.0
Print date : 12.01.2010

None known.

Special protective equipment

Adapt protective equipment to surrounding fire.

06. Accidental release measures

Personal precautions

Use protective gloves.

Environmental precautions

No particular measures required.

Methods for cleaning up/collecting

Take-up mechanically and remove according to regulations(Chapter 13).

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. 3 - Keep in a cool place.

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.

Respiratory protection

No particular measures required.

Hand protection

Short-term exposure (Level 2: < 30 min): disposable gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.1 mm.

Long-term exposure (Level 6: < 480 min): protective gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.7 mm.

Eye protection

No particular measures required.

Body protection

No particular measures required.

09. Physical and chemical properties

Image

Form : Wipes.
Colour : White.
Odour : Mild aromatic.

Relevant safety data

Melting point / range :	(1013 hPa)	not applicable	
Boiling point / range :	(1013 hPa)	not applicable	
Flash point :		inapplicable	DIN 51755
Lower explosion limit :		not applicable	
Upper explosion limit :		not applicable	
Density :	(20 °C)	inapplicable	

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : B 15 Disinfection wipes
Revision : 12.01.2010 Version : 1.0.0
Print date : 12.01.2010

Solubility in water : (20 °C) not applicable
pH value : not applicable

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

Concentrate:

LD50/LC50 values that are relevant for classification

Specification : LD-50
Routes of entry : oral
Test species : Rat
Value / dosage : > 200 mg/kg
Specification : LD-50
Routes of entry : skin (1 % ready-to-use solution)
Test species : Rat
Value / dosage : > 2000 mg/kg
Testing method : OECD 401. - OECD 402.

Primary irritant effect

In vitro skin corrosion: corrosive. Testing method : OECD 431.

Sensitization

Guinea-pig: non-sensitizing (1 % solution). Testing method : OECD 406.

Experience on practice

Skin and eye contact: frequent and long lasting contact may cause irritation.

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) as well as to our own test reports.

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 product itself.

Ecotoxicological effects

Other information

Alkylamine (30 % in water): fish toxicity LC 50 = 2,26 mg/l (rainbow trout/96 h) / EC 50 = 2,20 mg/l (daphnia magna/24 h).

13. Disposal considerations

Product

Dispose of used cloths in the household waste - do not throw them down the toilet. Disposal in conformity with authority regulations.

Contaminated packaging

Packaging should be recycled.

14. Transport information

Land transport ADR/RID

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : B 15 Disinfection wipes
Revision : 12.01.2010 Version : 1.0.0
Print date : 12.01.2010

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EC directives

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

S-phrases

37	Wear suitable gloves.
28	After contact with skin, wash immediately with plenty of water.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice .
24/25	Avoid contact with skin and eyes.

16. Other information

Processing instructions / technical data sheets

Please observe the label/directions for use!

Further information

R-Phrases of components

22	Harmful if swallowed.
34	Causes burns.
35	Causes severe burns.
48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
50	Very toxic to aquatic organisms.

Contact

Dr. Klaus-Michael Wolf Tel. No.: +49 7154 1308-27 · Fax. No.: +49 7154 1308-40
Dipl. Ing. Elisabeth Gehring Tel. No.: +49 7154 1308-37

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.
