

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : B 60 Disinfection Wipes
Revision : 12.01.2010 Version : 4.0.0
Print date : 12.01.2010

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

Product name : oro[®] Hygienesystem B 60 Disinfection Wipes
Use of the substance / preparation : B 60 disinfection wipes are suitable for wipe disinfecting and cleaning of surfaces of medical devices.
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 60 contains alcohols and auxiliary agents.

Hazardous components

1 wipe contains:

N-PROPANOL ; EC-No. : 200-746-9; CAS-No. : 71-23-8

Percentage : 0,79 g

Classification : F ; R 11 Xi ; R 41 R 67

ETHANOL ; EC-No. : 200-578-6; CAS-No. : 64-17-5

Percentage : 0,64 g

Classification : F ; R 11

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.). 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

None known.

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Special protective equipment

When extinguishing fires, use breathing apparatus with an independent source of air.

06. Accidental release measures

Personal precautions

Keep away from ignition sources - No smoking.

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

Keep away from ignition sources - No smoking.

Requirements to be met by storerooms and containers

Keep container tightly closed.

Information about separation of incompatible products

Store the foodstuffs separately. Do not store together with oxidizing, self-igniting substances and highly flammable solid substances.

08. Exposure controls/personal protection

Additional information about engineering measures

No particular measures required.

Components with critical values that require monitoring at the workplace (exposure limits)

N-PROPANOL ; CAS-No. : 71-23-8

Specification : Limit value (8 hours) (GB)
Value : 200 ppm / 500 mg/m³

ETHANOL ; CAS-No. : 64-17-5

Specification : Limit value (8 hours) (GB)
Value : 1000 ppm / 1920 mg/m³

Specification : Limit value (8 hours) (GLOB)
Value : 500 ppm / 960 mg/m³

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

No particular measures required.

Eye protection

No particular measures required.

Body protection

No particular measures required.

09. Physical and chemical properties

Image

Form : Wipes.
Colour : White.
Odour : Like lemon.

Relevant safety data

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Melting point / range :	(1013 hPa)	not applicable	
Boiling point / range :	(1013 hPa)	not applicable	
Flash point :		inapplicable	DIN 51755
Ignition temperature :		combustible	
Lower explosion limit :		inapplicable	
Upper explosion limit :		inapplicable	
Vapour pressure :	(50 °C)	not applicable	
Density :	(20 °C)	inapplicable	
Solvent-separation test :	(20 °C)	not applicable	
Solubility in water :	(20 °C)	inapplicable	
pH value :		inapplicable	

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

Specification :	LD-50
Routes of entry :	oral
Test species :	Rat
Value / dosage :	> 2000 mg/kg
Specification :	LD-50
Routes of entry :	skin
Test species :	Rat
Value / dosage :	> 2000 mg/kg

Testing method : OECD 401. OECD 402.

Primary irritant effect

In vitro skin corrosion: non-irritant. Testing method : OECD 431. Rabbit's eye: mild irritation. Testing method : OECD 405.

Sensitization

Guinea-pig: non-sensitizing. Testing method : OECD 406.

Experience on practice

The active agent solution of B 60 has a slightly irritating effect on the eyes.

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)

Abiotal 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

Other information

Do not empty into waters or drains.

13. Disposal considerations

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Product

Dispose of used cloths in the household waste - do not throw them down the toilet. 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 : 4.1 **Kemlercode :** 40
UN number : 3175 **Classification-Code :** F1

LQ 8 · E 2 · Tunnel restriction code : E

Proper shipping name

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

Hazardous components

N-PROPANOL · ETHANOL

Packaging

Packaging group : II
Label : 4.1

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : 4.1 **EmS number :** F-A / S-I
UN number : 3175 **Marine Poll. :** -

LQ 1 kg · E 2

Proper shipping name

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

Hazardous components

N-PROPANOL · ETHANOL

Packaging

Packaging group : II
Label : 4.1

Air transport ICAO-TI and IATA-DGR

Classification

Class : 4.1
UN number : 3175

E 2

Proper shipping name

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

Hazardous components

N-PROPANOL · ETHANOL

Packaging

Packaging group : II
Label : 4.1

15. Regulatory information

Classification according to EC directives

There is no labelling required according to EC guidelines.

16. Other information

Processing instructions / technical data sheets

Please observe the label/directions for use!

Further information

Relevant changes

08. Components with critical values that require monitoring at the workplace (exposure limits) · 14. Land transport ADR/RID and GGVs/GGVE · 14. Classification (ADR) · 14. Classification (IMDG) · 14. Air transport ICAO-TI and IATA-DGR · 14.

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Classification (ICAO)

R-Phrases of components

11 Highly flammable.
41 Risk of serious damage to eyes.
67 Vapours may cause drowsiness and dizziness.

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.
