

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 312 wet wipes Surface disinfection
Revision date : 08.11.2012
Date of print : 22.11.2012

Version : 1.0.0

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

1.1 Product identifier

FD 312 wet wipes Surface disinfection

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

FD 312 wet wipes are ready-for-use cloths for the wipe disinfection and cleaning of floors, practice inventory etc.

Product categories

PC8 - Biocidal products (e.g. Disinfectants, pest control)

Uses advised against

None, if handled according to order.

Remark

The product is intended for professional use.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

orochemie GmbH + Co. KG

Street : Max-Planck-Straße 27

Postal code/city : 70806 Kornwestheim

Telephone : +49 7154 1308-0

Telefax : +49 7154 1308-40

Information contact : DÜRR DENTAL AG, Postfach 1264, D-74302 Bietigheim-Bissingen

Phone No.: +49 7142 705-0, Telefax No.: +49 7142 61365, info@duerr.de

in Great Britain:

DÜRR DENTAL [Products] UK Ltd., 14 Linnell Way - Telford Way Industrial Estate, GB-Kettering Northants NN16 8PS

Phone No.: +44 1536 526740, Telefax No.: +44 1536 526749, info@duerruk.com

1.4 Emergency Telephone Number

INT: +49 6132 84463 (24 h/7 d)

2. Hazards identification

2.1 Classification of the substance or mixture

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

Classification according to Directive 67/548/EEC or 1999/45/EC

None

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

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. |

Special provisions concerning the labelling of certain mixtures

- | | |
|-----|---|
| 101 | Safety data sheet available for professional user on request. |
|-----|---|

2.3 Other hazards

None

3. Composition/information on ingredients

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3.2 Mixtures

Description

Wet wipes contain ready-for-use FD 312 solution. One cloth contains alkyl-benzyltrimethylammonium chloride, non-ionic detergent, alkaline cleaning components, complexing agent, fragrances and auxiliary agents in aqueous solution.

Hazardous ingredients

1 wipe contains:

ALKYL-BENZYL-DIMETHYL AMMONIUM CHLORIDE ; REACH registration No. : - ; EC No : 270-325-2; CAS No. : 68424-85-1

Weight fraction : 0,026 g

Classification 67/548/EEC : N ; R50 C ; R34 Xn ; R22

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Acute Tox. 4 ; H302 Aquatic Acute 1 ; H400

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

4. First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

After inhalation

No special measures are necessary.

In case of skin contact

Wash with plenty of water. When in doubt or if symptoms are observed, get medical advice.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

No special measures are necessary.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Extinguishing powder. Water spray. Water mist. The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet.

5.2 Special hazards arising from the substance or mixture

None known.

Hazardous combustion products

None known.

5.3 Advice for firefighters

Adapt protective equipment to surrounding fire.

Special protective equipment for firefighters

Adapt protective equipment to surrounding fire.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. See protective measures under point 7 and 8.

For non-emergency personnel

Use personal protection equipment. See protective measures under point 7 and 8.

For emergency responders

Personal protective equipment

See protective measures under point 7 and 8.

6.2 Environmental precautions

No special environmental measures are necessary.

6.3 Methods and material for containment and cleaning up

For cleaning up

No special measures are necessary.

Other information

Dispose of used cloths in the household waste - do not throw them down the toilet.

6.4 Reference to other sections

None

7. Handling and storage

7.1 Precautions for safe handling

Keep/Store only in original container. Please note safety instructions and directions for use on the drum.

Protective measures

Fire prevent measures

Usual measures for fire prevention. When using do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed. Keep in a cool, well-ventilated place. Do not store in temperatures below 5 °C.

Hints on storage assembly

Store the foodstuffs separately.

7.3 Specific end use(s)

None

8. Exposure controls/personal protection

8.1 Control parameters

DNEL/DMEL and PNEC values

There are no data available on the preparation itself.

8.2 Exposure controls

Personal protective equipment

Eye / face protection

No special measures are necessary.

Skin protection

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

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thickness 0.7 mm. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Body protection

Body protection: not required.

Respiratory protection

No special measures are necessary.

General health and safety measures

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work. Separate storage of work clothes. When using do not eat, drink, smoke, sniff.

Occupational exposure controls

Technical measures to prevent exposure

Provide adequate ventilation.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : wipes

Colour : white

Odour

mild aromatic

Safety relevant basis data

Melting point / melting range : (1013 hPa) not applicable

Boiling temperature/boiling range: (1013 hPa) not applicable

Flash point : not relevant

DIN 51755

Lower explosion limit : not applicable

Upper explosion limit : not applicable

Density : (20 °C) none

Water solubility : (20 °C) not applicable

pH value : not applicable

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

None, if handled according to order.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

None, if handled according to order.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

None known.

11. Toxicological information

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11.1 Information on toxicological effects

Concentrate:

Acute effects

Acute oral toxicity

Parameter : LD50
Exposure route : Oral
Species : Rat
Effective dose : > 5900 mg/kg
Methode : OECD 401. - OECD 402.

Practical experience/human evidence

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

Acute dermal toxicity

Parameter : LD50
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg

Irritant and corrosive effects

In vitro skin corrosion: irritant. Methode : OECD 431.

Sensitisation

Guinea-pig: non-sensitizing. Methode : OECD 406.

11.4 Additional 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

12.1 Toxicity

Aquatic toxicity

There are no data available on the preparation itself.

Acute (short-term) fish toxicity

Parameter : LC50 (ALKYL-BENZYL-DIMETHYL AMMONIUM CHLORIDE ; CAS No. : 68424-85-1)
Species : Pimephales promelas (fathead minnow)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 0,28 mg/l
Exposure time : 96 h

Chronic (long-term) fish toxicity

Parameter : NOEC (ALKYL-BENZYL-DIMETHYL AMMONIUM CHLORIDE ; CAS No. : 68424-85-1)
Species : Pimephales promelas (fathead minnow)
Evaluation parameter : Chronic (long-term) fish toxicity
Effective dose : 0,032 mg/l
Exposure time : 816 h

Acute (short-term) daphnia toxicity

Parameter : EC50 (ALKYL-BENZYL-DIMETHYL AMMONIUM CHLORIDE ; CAS No. : 68424-85-1)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 0,016 mg/l
Exposure time : 48 h

Chronic (long-term) daphnia toxicity

Parameter : NOEC (ALKYL-BENZYL-DIMETHYL AMMONIUM CHLORIDE ; CAS No. : 68424-85-1)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Chronic (long-term) daphnia toxicity
Effective dose : 0,0042 mg/l
Exposure time : 504 h

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Acute (short-term) algae toxicity

Parameter : ErC50 (ALKYL-BENZYL-DIMETHYL AMMONIUM CHLORIDE ; CAS No. : 68424-85-1)
Species : Pseudokirchneriella subcapitata
Evaluation parameter : Acute (short-term) algae toxicity
Effective dose : 0,049 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

Abiotic degradation

No data available.

Biodegradation

No data available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

There are no data available on the product itself. No data available

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

Do not allow to enter into surface water or drains.

13. Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

Dispose according to legislation. Dispose of used cloths in the household waste - do not throw them down the toilet. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package

Packaging should be recycled. Handle contaminated packages in the same way as the substance itself.

14. Transport information

14.1 UN number

No dangerous good in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous good in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous good in sense of this transport regulation.

14.4 Packing group

No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

No dangerous good in sense of this transport regulation.

14.6 Special precautions for user

None

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15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Restrictions of occupation

According to directive 94/33/EC, juveniles are only allowed to handle this product as long as all effects of dangerous substances are prevented.

15.2 Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

16. Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]

None

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
22	Harmful if swallowed.
34	Causes burns.
50	Very toxic to aquatic organisms.

16.6 Training advice

None

16.7 Additional information

Notice the directions for use on the label.
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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.