

**STAMMOPUR DB**

Print date: 24.02.2010

No.: 83002

Page 1 of 4

**1. Identification of the substance/preparation and of the company/undertaking****Identification of the substance or preparation**

STAMMOPUR DB

**Use of the substance/preparation**

disinfectants. Disinfection and cleaning of burs, ready for use.

\*Restricted to professional users.

**Company/undertaking identification**

Company name :	DR.H.STAMM GmbH	Responsible Department :	
Street :	Heinrichstr. 3-4	Telephone :	+49-(0)30-768 80-258
Place :	D-12207 Berlin	e-mail :	sdb@dr-stamm.de
Telephone :	+49-(0)30-768 80-280	Emergency telephone :	+49-(0)30-768 80-280
Internet :	www.dr-stamm.de		

**Further Information**

24-hours-emergency: Giftnotruf Berlin: +49-(0)30-30686790 (german, english)

**2. Hazards identification****Classification**

Indications of danger : Irritant

R-phrases:

Flammable.

Irritating to eyes and skin.

Vapours may cause drowsiness and dizziness.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )****Hazardous components**

EC-No.	CAS-No.	Components	Quantity	Classification
213-791-2	7732-18-5	Water	60-70 %	
200-661-7	67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	30,0 %	F, Xi R11-36-67
215-185-5	1310-73-2	caustic soda, sodium hydroxide	<1,0 %	C R35
215-540-4	1303-96-4	Sodium tetraborate decahydrate	<1,0 %	
	68155-20-4	Alkanolamides	<0,5 %	Xn, Xi R22-38-41-48/22
200-573-9	64-02-8	Ethylenediaminetetraacetic acid tetrasodium salt	<0,5 %	Xn R22-36
230-525-2	7173-51-5	Didecyldimethylammonium chloride	0,1 %	C, Xn, N R22-34-50

Full text of each relevant R phrase can be found in heading 16.

**4. First aid measures****General information**

Take off immediately all contaminated clothing.

**After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with plenty of Water and soap. In case of skin irritation, seek medical treatment.

**After contact with eyes**

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Consult physician.

**5. Fire-fighting measures****Suitable extinguishing media**

Water. Foam. Atomized water.

**Extinguishing media which must not be used for safety reasons**

High power water jet.

**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

**STAMMOPUR DB**

Print date: 24.02.2010

No.: 83002

Page 2 of 4

Can be released in case of fire: Nitrogen oxides (NOx). Carbon dioxide (CO2).

**Special protective equipment for fire-fighters**

Protective clothing.

**Additional information**

Product is not: Oxidizing.

Extinguishing materials should be selected according to the surrounding area.

**6. Accidental release measures****Personal precautions**

Wear personal protection equipment.

**Environmental precautions**

Do not empty into drains or the aquatic environment.

**Methods for cleaning up/taking up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the assimilated material according to the section on waste disposal.

**7. Handling and storage****Handling****Advice on safe handling**

No special technical protective measures are necessary.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

**Storage****Requirements for storage rooms and vessels**

Store only in original container. Keep away from food, drink and animal feedingstuffs.

Storageclass (VCI) : LGK 3A

**8. Exposure controls/personal protection****Exposure limit values****Occupational exposure limits**

CAS No.	Substance	ml/m <sup>3</sup>	mg/m <sup>3</sup>	f/ml	Category	Origin
1303-96-4	Borates, (tetra) sodium decahydrate	-	5	.	TWA (8 h)	
		-	-	.	STEL (15 min)	
67-63-0	Isopropyl alcohol	200	-	.	TWA (8 h)	
		400	-	.	STEL (15 min)	
1310-73-2	Sodium hydroxide	-	-	.	TWA (8 h)	
		-	2	.	STEL (15 min)	

**Exposure controls****Occupational exposure controls**

Refer to chapter 7. No further action is necessary.

**Protective and hygiene measures**

Do not eat, drink, smoke or sneeze at the workplace.

Wash hands before breaks and at the end of work.

**Respiratory protection**

Respiratory protection not required.

**Hand protection**

Suitable material: PE (polyethylene). NR (Natural rubber (Caoutchouc), Natural latex).

CR (polychloroprenes, Chloroprene rubber). NBR (Nitrile rubber).

Butyl rubber. FKM (Fluoroelastomer (Viton)).

**Eye protection**

Framed glasses.

**Skin protection**

Skin protection: not required.

**9. Physical and chemical properties****General information**

Physical state : liquid

Colour : clear, colourless

## STAMMOPUR DB

Print date: 24.02.2010

No.: 83002

Page 3 of 4

Odour : like: Isopropyl alcohol.

**Important health, safety and environmental information**pH-Value (at 20 °C) : 13,1  
Test method  
DGF H-III 1**Changes in the physical state**Melting point : -15 °C  
Boiling point : >100 °C  
Flash point : 28 °C**Explosive properties**

not Explosive.

**Oxidizing properties**

not oxidizing.

Density (at 20 °C) : 0,96 g/cm<sup>3</sup> DIN 12791

Water solubility : miscible.

**10. Stability and reactivity****Conditions to avoid**

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**Materials to avoid**

acid, concentrated.

**Hazardous decomposition products**

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**11. Toxicological information****Corrosive and irritant effects**Irritant effect on the eye: irritant.  
Irritant effect on the skin: irritant.**Sensitising effects**

no danger of sensitization.

**12. Ecological information****Ecotoxicity**

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

**Persistence and degradability**

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**13. Disposal considerations****Advice on disposal**

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

**Contaminated packaging**

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

**14. Transport information****Land transport (ADR/RID)**ADR/RID class : 3 UN number : 1987 ADR/RID packing group : III  
Hazard-no. : 30 Hazard label : 3 Classification code : F1**Description of the goods**

ALCOHOLS, N.O.S. (Contains Isopropanol, solution)

**Other applicable information (land transport)**

Transport-category: 3 \* D/E

**Marine transport**IMDG code : 3 UN number : 1987 Hazard label : 3 IMDG packing group : III  
EmS : F-E, S-D Marine pollutant : no**Description of the goods**

ALCOHOLS, N.O.S. (CONTAINS ISOPROPANOL, SOLUTION)

**Air transport**

## STAMMOPUR DB

Print date: 24.02.2010

No.: 83002

Page 4 of 4

ICAO/IATA-DGR : 3

UN/ID number : 1987

Hazard label : 3

ICAO packing group : III

**Description of the goods**

ALCOHOLS, N.O.S. (Contains Isopropanol, solution)

**15. Regulatory information****Labelling**

Danger symbols : Xi - Irritant

**R phrases**

- 10 Flammable.  
36/38 Irritating to eyes and skin.  
67 Vapours may cause drowsiness and dizziness.

**S phrases**

- 16 Keep away from sources of ignition - No smoking.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.

**EU regulatory information**

1999/13/EC (VOC) : 30 % (288 g/l)

**National regulatory information**

Water contaminating class (D) : 1 - slightly water contaminating

**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

- 10 Flammable.  
11 Highly flammable.  
22 Harmful if swallowed.  
34 Causes burns.  
35 Causes severe burns.  
36 Irritating to eyes.  
36/38 Irritating to eyes and skin.  
38 Irritating to skin.  
41 Risk of serious damage to eyes.  
48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
50 Very toxic to aquatic organisms.  
67 Vapours may cause drowsiness and dizziness.

**Other data**

Training instructions: Notice the directions for use on the label.

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

**Changes**

\* Data changed from previous versions

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*