

Contex

Material no.		Version	1.8 / GB
Specification	102873	Revision date	30.04.2009
VA-Nr		Print Date	30.04.2009
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Contex
Company	:	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	:	+49 (0)6181/59-5767
Telefax	:	+49 (0)6181/59-5879
Email address	:	SDB@degudent.de
Emergency telephone number	:	+49 (0)180 / 23 24-555
Use of the Substance / Preparation	:	For dental use only.

2. HAZARDS IDENTIFICATION**Classification**

Xi, Irritant
R36: Irritating to eyes.

Additional safety information for humans and the environment**3. COMPOSITION/INFORMATION ON INGREDIENTS****Information on ingredients / Hazardous components**

- **pigment in water** > 90%
CAS-No.
- **ammonia** > 5% - < 10%
CAS-No. 1336-21-6 EC-No. 215-647-6
C; R34
N; R50

See chapter 16 for text of risk phrases

4. FIRST AID MEASURES**Skin contact**

Wash off immediately with plenty of water.

Eye contact

Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open.
Consult an ophthalmologist.

Ingestion

Rinse out mouth.
Have patient drink plenty of water in small sips.
Do not induce vomiting.
Consult a physician immediately.

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Notes to physician

Specific therapy/antidote treatment: none known
 Therapy as for chemical burn.
 If substance has been swallowed:
 (after absorbing larger amounts of substance)
 stomach pumping under gastroscopic view

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

All extinguishing substances suitable.

Special protective equipment for fire-fighters

No special protective equipment required.

Further information

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Absorb in water or rinse away with water and collect in suitable containers.

7. HANDLING AND STORAGE**Handling****Safe handling advice**

Use only in well-ventilated areas.
 Do not breathe vapour.
 If necessary: Local ventilation.

Storage**Requirements for storage areas and containers**

No restrictions

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**

- ammonia**

CAS-No.	1336-21-6	EC-No.	215-647-6
Control parameters	25 ppm 18 mg/m ³		Time Weighted Average (TWA):(EH40 OES)
Control parameters	35 ppm 25 mg/m ³		Short Term Exposure Limit (STEL):(EH40 OES)
Control parameters	20 ppm 14 mg/m ³		Time Weighted Average (TWA):(EU ELV)
Control parameters	50 ppm 36 mg/m ³		Short Term Exposure Limit (STEL):(EU ELV)

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Engineering measures

Handle in accordance with good industrial hygiene and safety practices.
Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines. If necessary extractor suction on specific objects.

Personal protective equipment**Hand protection**

Wear protective gloves made of the following materials:

Glove material	butyl-rubber
Material thickness	0.5 mm
Break through time	480 min
Method	Source: GESTIS substance database (hazardous substance information system of commercial professional associations)

Glove material	nitrile rubber
Material thickness	0.35 mm
Break through time	480 min
Method	Source: GESTIS substance database (hazardous substance information system of commercial professional associations)

Glove material	Fluorinated rubber (FKM)
Material thickness	0.4 mm
Break through time	480 min
Method	Source: GESTIS substance database (hazardous substance information system of commercial professional associations)

preventive skin protection

Use barrier cream regularly.

The suitability for a specific workplace should be discussed with the producers of the protective gloves.
The exact break through time can be obtained from the protective glove producer and this has to be observed.

Eye protection

Safety glasses with side-shields

Hygiene measures

No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	paste
Colour	black
Odour	odourless to faintly like ammonia

Safety data

pH	10.5 - 11.5
Melting point/range	0 °C
Boiling point/range	100 °C
Density	ca. 1.14 g/cm ³

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Viscosity, dynamic high

Further information

Miscibility in water completely miscible

10. STABILITY AND REACTIVITY

Hazardous reactions Stable at room temperature.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity LD50 Rat: 5110 mg/kg

Skin irritation Rabbit
not irritating

Eye irritation Rabbit
slightly irritating

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)****Behaviour in environmental compartments****Ecotoxicity effects**

No ecotoxicological studies are available.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

14. TRANSPORT INFORMATION**Transport/further information**

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION**Labelling according to EC Directives**

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hazard-defining component(s)

- ammonia

Symbol(s)	Xi	Irritant
R-phrase(s)	R36	Irritating to eyes.
S-phrase(s)	S 2 S26 S28	Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

National legislation**16. OTHER INFORMATION****Risk phrase (R phrase) texts**

- ammonia
 - R34 Causes burns.
 - R50 Very toxic to aquatic organisms.

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.