

Trade name: Convoclean new

Product no.: 3007015

As at: 19.08.2004

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1. Identification of the substance/preparation and of the company

Identification of the product

Trade name: Convoclean new, cleaning agent for hot-air steamers

Information about the manufacturer/supplier

Address: Convotherm Elektrogeräte GmbH
Talstraße 35
D-82436 Eglfing / Germany
Tel. no.: +49 - 8847 - 67 - 0
Fax no.: +49 - 8847 - 414

Emergency telephone no.: +49-89 / 19240 "Rechts der Isar", Reg.no.: 404

2. Composition / information on ingredients

Chemical nature: Mixture of a very small proportion of alkaline solution, phosphate, tensides, binder, fragrance and water.

Constituents

Content	CAS no.	Symbol	Risk phrases	Material
< 0.4%	1310-58-3	C	22-35	Potassium hydroxide
< 2%	90194-45-9	Xn	22-38-41	Benzene sulfonic acid
< 3%	68515-73-1	Xi	41	D-glucopyranose
< 2%	5064-31-3	Xi	36	Trisodium nitrilotriacetate
> 80%	7732-18-5			Water

3. Hazard identification

4. First aid measures

General instructions: Remove contaminated clothing immediately. Seek medical attention.

After inhalation: After inhalation, take the victim into the fresh air and keep quiet. Seek medical attention.

After skin contact: Thoroughly wash affected parts of the skin with plenty of soap and water.

After eye contact: Hold the lids apart and flush the eye thoroughly (15 minutes) under plenty of flowing water. (Protect the uninjured eye and remove contact lenses). Have eyes checked by an optician.

After swallowing: After swallowing, immediately rinse the mouth out and drink lots of water. Seek medical attention. Do not induce vomiting.

Notes for the doctor

Symptoms: Burning and reddening of the skin, conjunctivitis; burning and reddening in the mouth, pharynx and oesophagus; nausea, vomiting, gastro-intestinal pain; foam inhalation is possible during vomiting.

Treatment: Decontamination, treatment of the symptoms. No specific antidote is known.

5. Fire-fighting measures

Suitable extinguishing media: Use all known extinguishing media. Fight surrounding fire with suitable extinguishing media.

Particular hazard from the material or product itself, its combustion products or the resulting gases.

The following gases may be released in the event of fire: Nitrous gases (NOx), sulphur dioxide (SO₂)

Special personal protective equipment for fire-fighting

Wear respiratory protection in the event of fire.

6. Accidental release measures

Personal precautions: Avoid contact with the skin, eyes and clothing. Particular risk of slipping on leaked / spilled product.

Environmental precautions: Keep away from surface water / groundwater. Dispose of in accordance with the regulations.

Cleaning methods: Clean contaminated surfaces thoroughly with water. Soak up with absorbent material (e.g. universal binder). See also point no. 13.

7. Handling and storage

Notes on safe handling: No special measures required.

Fire and explosion protection: The product is not flammable.

Requirements for storage areas and containers: Use polyethylene containers.

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8. Exposure controls / personal protection**Additional notes on the design of technical systems**

See point 7. No further measures required.

Ingredients with workplace-related monitored limit values**Health hazards at the workplace****MAC values of the ingredients in section 2**

Name of material	CAS no.	ml/m ³ (ppm)	mg/m ³	Fibres/m ³	Type
Potassium hydroxide	1310-58-3				
Benzene sulfonic acid	90194-45-9				
D-glucopyranose	68515-73-1				
Trisodium nitrilotriacetate	5064-31-3				
Water	7732-18-5				

General health and safety measures

Avoid direct contact with the eyes, skin or clothing.

Personal protective equipment**Respiratory protection:** For respiratory protection: Particle filter in the event of aerosol generation.**Type of filter:** P2 / P3**Eye protection:** Wear correctly fitting safety goggles**Body protection:****Additional information about PPE:** We recommend that you wear protective gloves made from 0.35 mm thick nitrile rubber.**9. Physical and chemical properties**

Appearance:	Form:	Liquid			
	Colour:	Brown		Odour:	Lemony
Flash point (cc):	at	n/a °C			
Ignition temperature:	at	n/a °C			
Relative density:	at	20 °C	1.048 g/ml		
Boiling point:	at	1013 mbar	98 °C		
Solubility in water:	at	20 °C	Miscible mg/l		
Solubility in organic solvents (at 20 °C)					
Miscible with water-miscible organic solvents, e.g. ethanol, acetone					
pH of the substance:	at	20 °C	12.4		
pH of the substance in solution:	at	20 °C	9.4	Concentration:	10 g / l

10. Stability and reactivity**Reaction with materials:** Attacks light metals and light metal alloys.**Reacts with:** Acids**11. Toxicological information**

Can have an irritant effect on the eyes and mucous membranes of sensitive persons.

12. Ecological information**General instructions:** Tensides are easily biodegradable >90%. The product represents a minimal risk to water. Do not pour away undiluted.**13. Disposal considerations****Disposal notes****Product:****Packaging:**

Small amounts may be diluted in plenty of and flushed away.

Contaminated packaging should be emptied as fully as possible. It can then be reused once it has been cleaned appropriately.

14. Transport information**Transport by land
GGVSE/ADR/RID:**

Please note: Not a hazardous material as defined by the currently applicable transport regulation – ADR.

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15. Regulatory information

Identification notes:	According to EU Directives, the product does not require identification.
Safety 2	Keep out of the reach of children.
phrases:	
23	Do not breathe spray (gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
25	Avoid contact with eyes.
37/39	Wear suitable gloves and eye / face protection.
Water hazard category:	1
Water hazard number:	4
Classification as per TA Luft:	Not covered by TA Luft if applied manually.

16. Other information

Further information

R phrases for the raw materials from point 2 (Composition): R22: Harmful if swallowed; R35: Causes severe burns; R36: Irritating to eyes; R38: Irritating to skin; R41 Risk of serious damage to eyes.

Contact

Department: Customer Service