

SAFETY DATA SHEET
retigo - active cleaner

Issue: 1/EN

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Date created: 20.06.2008 r.

1. Identification of the preparation and of the company.

1.1. Identification of the preparation: retigo - active cleaner

1.2. Use of the preparation:

Combi-steam oven cleaner powder. Product for professional use..

1.3. Identification of the company.

Firma Reinex

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PL 57-330 Szczytna

tel. 0048 74 8681377

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Responsible person: Zbigniew Woźny, e-mail: biuro@reinex.pl

1.4. Emergency telephone number: 0048 74 8681377.

2. Hazards identification.

The product is classified as corrosive. Causes severe burns.

Contains protease. May produce an allergic reaction.

3. Composition/information on ingredients.

Hazardous components	%	CAS number	EINECS	Symbol	R-phrases
Sodium hydroxide	> 30	1310-73-2	215-185-5	C	35
Sodium metasilicate pentahydrate	15 ÷ 30	10213-79-3	229-912-9	C, Xi	34 - 37
Tetrasodium EDTA	5 ÷ 15	64-02-8	200-573-9	Xn, Xi	22 - 41
Sodium carbonate	5 ÷ 15	497-19-8	207-838-8	Xi	36
Protease	<1	9014-01-1	232-752-2	Xn	37/38 - 41- 42
Amylase	<1	9000-90-2	232-565-6	Xn	42

4. First-aid measures.

After inhalation:

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Consult a physician.

After skin contact:

Remove contaminated clothing and shoes. Wash immediately with plenty of water.

After eye contact:

Hold eyes open and flush for at least 15 minutes with large amounts of water. Consult an ophthalmologist.

After ingestion:

Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. Fire-fighting measures.

Product is non-combustible. Use extinguishing media suitable for surrounding fire.

Special protective equipment for fire-fighters:

Use self-contained breathing apparatus and full protective clothing.

6. Accidental release measures.

Personal precautions:

Use personal protective equipment.

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Environmental precautions:

Should not be released into the environment.

Methods for cleaning up:

Loose powder to be collected and spared. After cleaning, flush away traces with water.

7. Handling and storage.

Handling:

Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash before re-use. Avoid dust formation. Do not breathe dust.

Storage:

Keep only in the original container. Keep tightly closed in a dry place.

8. Exposure controls/personal protection.

Exposure limits:

Component	CAS-No	Exposure limits
Sodium hydroxide	1310-73-2	2 mg/m ³ (8 h)

Personal protective equipment:

Respiratory protection:

No personal respiratory protective equipment normally required. If needed: Half mask with a particle filter P2 (BS EN 143).

Hand protection:

Rubber or plastic gloves suitable for alkaline materials.

Eye protection:

Safety goggles.

Skin protection:

Use clothing and shoes suitable to avoid skin contact.

Specific hygienic measures:

Do not eat or drink while using the product, wash hands after work or before breaks.

9. Physical and chemical properties.

Form:	- powder, white
pH -value:	- 12 ÷ 13 (at 2 % w/w in water)
Boiling point:	- not determined
Melting point:	- not determined
Flash point:	- not applicable
Explosive properties:	- not applicable
Oxidizing properties:	- not determined
Vapour pressure:	- not applicable
Relative density:	- 1,0 g/cm ³
Viscosity	- not applicable
Water solubility:	- soluble
Partition coefficient n-oktanol/water:	not applicable

10. Stability and reactivity.

Product stable.

Conditions to avoid: humidity.

Materials to avoid: zink, aluminium, brass and copper. Acids – strong exothermic reaction.

11. Toxicological information.

Acute toxicity components:

Sodium hydroxide: LDLo (rabbit, oral) – 500 mg/kg.

Tetrasodium EDTA: LD₅₀ = 1000 – 2000 mg/kg (rat,oral).

Sodium metasilicate: LD₅₀ = 600 – 1350 mg/kg (rat,oral).

Sodium carbonate: LD₅₀ = 4090 mg/kg (rat,oral).

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Irritation and corrosion:

Dust causes irritation to the eyes, skin and mucos membranes and may lead to toxic lung oedemas. Alkaline solution causes necrosis to tissue.

Sensitization:

This product contains protease. May produce an allergic reaction.

12. Ecological information.

Ecotoxicity:

Aquatic toxicity:

Tetrasodium EDTA:

LC₅₀ > 500 mg/l/96h (Leuciscus idus),

EC₅₀ > 100 mg/l/48h (Daphnia)

Mobility: Soluble in water.

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.

Do not allow the undiluted product to enter the sewerage system.

13. Disposal considerations.

Dispose of in accordance with Federal, Provincial or Local regulations.

Code and name according to EUROPEAN WASTE CATALOGUE:

20 01 29* detergents containing dangerous substances.

14. Transport information.

No dangerous good according to ADR.

15. Regulatory information.

Labelling according to EC-regulations:

Hazard symbol and hazard classification: Xi, Corrosive

Product contains: Sodium hydroxide, sodium metasilicate.

Product contains protease. May produce an allergic reaction.

R- phrases

R 35 Causes severe burns.

S-phrases

S 1/2 Keep locked up and out of the reach of children.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S 45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

16. Other information.

Text of R-phrases mentioned in Section 3:

R 22 Harmful if swallowed.

R 34 Causes burns.

R 35 Causes severe burns.

R 36 Irritating to eyes.

R 37 Irritating to respiratory system.

R 37/38 Irritating to respiratory system and skin.

R 41 Risk of serious damage to eyes.

R 42 May cause sensitisation by inhalation.

This product is intended for professional use only.

Ingredients according to EC Detergents Regulation 648/2004: 5 ÷ 15 % EDTA, < 5 % nonionic surfactants, enzymes.

The information given is intended to be of assistance to users but is without guarantee.