

H10**412020372****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : H10
Type of product : Powder.
Use : Bleach.
For professional use only.
Company identification : Ecover Belgium NV
Industrieweg 3
2390 Malle Belgium
Phone : +32 (0)3 309 25 00
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Emergency phone nr : +32 (0)70 245 245 (Antipoison Centre Belgium)
Responsible for placing on the market : See address above.

2 COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Substance.
Components : This product is hazardous.
Composition : > 30% : - Oxygenbased bleaching agents

Substance name	Contents	CAS No	EC No	Index No	Classification
Sodium carbonate peroxyhydrate	: Between 80 and 100 %	15630-89-4	239-707-6	-----	O; R8 Xn; R22 Xi; R41

INCI : SODIUM CARBONATE PEROXIDE

3 HAZARDS IDENTIFICATION

Hazards identification : According to the Substances Directive 67/548/EEC this product is classified as:
Xn : Harmful O : Oxidizing
Risk Phrases : R8 : Contact with combustible material may cause fire. R22 : Harmful if swallowed. R41 : Risk of serious damage to eyes.
Symptoms relating to use
- Inhalation : None under normal conditions. By prolonged exposure :
Sore throat. Cough.
- Skin contact : Prolonged or repeated contact may cause skin to become dry or irritated.
- Eye contact : Irritation to eyes. Redness, pain.
- Ingestion : Harmful if swallowed. Ingestion may cause nausea, vomiting and diarrhea.
Abdominal pain.
Caution : May accelerate the burning of combustible materials.
May react violently with acids.

4 FIRST AID MEASURES

First aid measures
- Inhalation : Remove victim to fresh air.
Seek medical attention if ill effect or irritation develops.
- Skin contact : Rinse affected area thoroughly with water to remove concentrated product.
Remove contaminated clothing.
Seek medical attention if ill effect or irritation develops.
- Eye contact : Rinse immediately and for at least 15 minutes with copious amounts of water (also assure adequate flushing under the eyelids and if possible after having removed contact lenses). Bring the victim to an ophthalmist.
- Ingestion : Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own. Seek medical advice.
Note to physician : No special requirements.

H10**412020372****4 FIRST AID MEASURES (continued)**

Workplace equipment : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

5 FIRE-FIGHTING MEASURES

Specific hazards : Contact with combustible material may cause fire.

Extinguishing media

- **Suitable extinguishing media** : All extinguishing media can be used.
- **Unsuitable extinguishing media** : Contains oxidizing percarbonate that can release oxygen by activation. Therefore don't sprinkle water on dry product.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
See Heading 8.

Special procedures : Exercise caution when fighting any chemical fire.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Equip cleanup crew with proper protection. Avoid contact with skin, eyes and clothes.
See Heading 8.

Environmental precautions : Avoid release to the environment. Prevent entry to sewers and public waters.

Clean up methods : Recover usable material in a clean closable container for reuse. Sweep up contaminated material and dispose of as chemical waste. Remove the remainder with water and a water and dust vacuum cleaner.

7 HANDLING AND STORAGE

Protection against fire : Avoid contact with : Combustible material.
Heat.
In case the packaging gets warm spontaneously, move it to a safe place, empty out and sprinkle abundantly.

Storage : Keep only in the original container in a cool, well ventilated place. Keep away from sources of ignition. Store away from heat/moisture. Reducing agents.
Acids.

Handling : Avoid contact with skin, eyes and clothes.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection

- **Skin protection** : Wear waterproof gloves (preferably PVC or butylrubber) in case of intensive use or contact with undiluted product.
- **Eye protection** : Wear acid protective goggles when intensively using the solution or chemical goggles when clearing accidentally released powder.
- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
Ensure sufficient ventilation and wear a dust mask P2 when taking up intensively material which is accidentally released.
- **Ingestion** : When using, do not eat, drink or smoke.

Environment protection see § 6

H10**412020372****9 PHYSICAL AND CHEMICAL PROPERTIES**

Physical state at 20 °C	: Powder.
Colour	: White.
Odour	: Odourless.
pH value	: 1% 10,5
Density	: 0,9 kg/l
Solubility in water	: Good.
Flash point [°C]	: >100
Volatile Organic Compounds (%)	: 0
Explosion limits	: May accelerate the burning of combustible materials.
Oxidising properties	: This product contains oxidizing sodium carbonate peroxide

10 STABILITY AND REACTIVITY

Stability and reactivity	: Even when properly stored, the sodium carbonate peroxide will lose his activity. Therefore it is recommended to consume the product within a year.
Conditions to avoid	: Heat. Heat sources. Moisture.
Materials to avoid	: Combustibles. Hypochlorite. Acids. Metals. Reducing agents. Organic compounds.
Hazardous decomposition products	: Oxygen. Overpressure.

11 TOXICOLOGICAL INFORMATION

Skin irritation (RBC test: Denaturation Index) (ppm)	: No data available.
Eye irritatie (RBC test: Mean Indices Ocular Irritancy)	: No data available.
Evaluation of the security for the human health	
- Dermal	: Slightly irritating
- Ocular	: Irritation due to the composition.
- Ingestion	: Hardly toxic (LD 50 rat-oral-theoretic 500-5000 ppm).
Sensitization	: To the best of our knowledge, this product contains no sensitizing raw materials.
Note	: Contains only ELINCS or EINECS registered raw materials and does not contain any ingredients known to be mutagenic, carcinogenic, teratogenic or reproduction toxic (R45,46,47,49,60,61,63,64, EU 97/C234, 67/548/EEC, 88/379/EEC, OSHA, NTP, IARC/ARAB (cat 1-3)).

12 ECOLOGICAL INFORMATION

Ecological effects information	
Biodegradation [%] Sapromat respirometry test (OECD 301 F)	: No data available.
EC50 72h Algae (<i>C. vulgaris</i>) [mg/l]	: 7.7 Toxic.
48 Hour EC50 <i>Daphnia magna</i> [ppm] (OECD 202)	: 5 Toxic.
Remarks	: Ecover Professional products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components. As the bleach does not contain any organic materials, the Sapromat test can not be carried out and becomes irrelevant.

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13 DISPOSAL CONSIDERATIONS

- General** : Dispose in a safe manner in accordance with local/national regulations.
- Product** : Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice (also see § 6 and § 8 when disposing of).
- Packaging** : The empty packaging should be disposed of chemical waste according to national or local waste legislation. Empty, cleaned packaging is not subject to ADR.

14 TRANSPORT INFORMATION

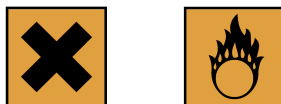
- General information** : Land transport.
- UN No.** : 1479
- H.I. nr** : 50
- ADR/RID** : Class : 5.1
Group : III
- Proper shipping name** : OXIDIZING SOLID, N.O.S. (Sodium carbonate peroxyhydrate)
- Labelling ADR**



- Personal precautions** : The driver shall not attempt to deal with any fire of the load.
- In case of spillage and/or leakage** : Clean up even minor leaks or spills if possible without unnecessary risk.
- Emergency action in case of accident** : Mark roads and warns other road users.
- Additional information** : None.
- Limited Quantity** : LQ 12

15 REGULATORY INFORMATION

Symbol(s)



- R Phrase(s)** : Xn : Harmful
O : Oxidizing
R8 : Contact with combustible material may cause fire.
R22 : Harmful if swallowed.
R41 : Risk of serious damage to eyes.
- S Phrase(s)** : S13 : Keep away from food, drink and animal feedingstuffs.
S25 : Avoid contact with eyes.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 : Wear eye/face protection.
S51 : Use only in well-ventilated areas.
- EEC Composition of detergents** : > 30% : - Oxygenbased bleaching agents

16 OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 2)** : R8 : Contact with combustible material may cause fire.
R22 : Harmful if swallowed.
R41 : Risk of serious damage to eyes.
- Sources of key data used** : MSDS and additional literature data of the respective suppliers.
Chemical cards, 21th edition, 2006, ed. MIA, VMCI, Samson



**MATERIAL SAFETY DATA SHEET
According to 2001/58EC**

Page : 5

Revised edition no : 2

Date : 22/5/2006

Supersedes : 16/1/2006

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16 OTHER INFORMATION (continued)

Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www

Revision : Revision - See : *
Print date : 15/11/2006
Further information : None.

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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