

**Laundry bleach****412020372**

Xn : Harmful



O : Oxidizing

5.1 : Oxidizing  
substances.**SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : Laundry bleach

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use : Domestic.

**1.3. Details of the supplier of the safety data sheet**Company identification : ECOVER CO-ORDINATION CENTER  
Steenovenstraat 1A  
2390 Malle Belgique-Belgie

Phone : +32 (0)3 309 25 00

Fax : +32 (0)3 311 72 70

e-mail: sds@ecover.com

Responsible for placing on the market : See address above.

**1.4. Emergency telephone number**Emergency phone nr : 00800 50525052 (9 am - 5 pm)  
08451 30 22 30 - UK customer careline**SECTION 2. Hazards identification****2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45**: O; R8  
Xn; R22  
Xi; R41**2.2. Label elements****Labelling EC 67/548 or EC 1999/45****• Symbol(s)**: Xn : Harmful  
O : Oxidizing**• R Phrase(s)**: R8 : Contact with combustible material may cause fire.  
R22 : Harmful if swallowed.  
R41 : Risk of serious damage to eyes.



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- **S Phrase(s)** : S2 : Keep out of the reach of children.  
 S3 : Keep in a cool place.  
 S17 : Keep away from combustible material.  
 S25 : Avoid contact with eyes.  
 S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S46 : If swallowed seek medical advice immediately and show this container or label.  
 S51 : Use only in well-ventilated areas.
- EEC Composition of detergents** : > 30% : - Oxygenbased bleaching agents

**2.3. Other hazards**

None under normal conditions.

**SECTION 3. Composition/information on ingredients****Substance / Preparation** : Preparation.

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Sodium carbonate peroxyhydrate :	> 30 %	15630-89-4	239-707-6	-----	01-2119457268-30	O; R8 Xn; R22 Xi; R41 ----- Ox. Sol. 2 Eye Dam 1 Acute Tox. 4 (oral)
Sodium carbonate :	<= 5 %	497-19-8	207-838-8	011-005-00-2	01-2119485498-19	Xi; R36 ----- Eye irrit 2

**SECTION 4. First aid measures****4.1. Description of 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 a long time with plenty of water. Seek medical attention if the irritation persists. Inadequate first aid may lead to persisting eye complaints.
- **Ingestion** : Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own. Seek medical attention.  
Seek medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms relating to use

- **Inhalation** : Overexposure may cause : Sore throat. Cough.
- **Skin contact** : Prolonged or repeated contact may cause skin to become dry or irritated.
- **Eye contact** : May cause eye irritation. Redness, pain.
- **Ingestion** : Ingestion may cause nausea, vomiting and diarrhea.  
Abdominal pain.

**4.3. Indication of any immediate medical attention and special treatment needed**



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**SECTION 4. First aid measures (continued)**

- Note to physician** : No special requirements.  
**Workplace equipment** : No specific recommendations.

**SECTION 5. Fire-fighting measures**

**5.1. 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.

**5.2. Special hazards arising from the substance or mixture**

Contact with combustible material may cause fire.

**5.3. Advice for fire-fighters**

- 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.

**SECTION 6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothes. Equip cleanup crew with proper protection.

**6.2. Environmental precautions**

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

**6.3. Methods and material for containment and cleaning up**

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.

**6.4. Reference to other sections**

See Heading 8.

**SECTION 7. Handling and storage**

**7.1. Precautions for safe handling**

- General** : Minimize generation of dust.  
**Handling** : Avoid contact with skin, eyes and clothes.  
When using, do not eat, drink or smoke.  
**Protection against fire** : Avoid:  
Heat. Combustible material.  
In case the packaging gets warm spontaneously, move it to a safe place, empty out and sprinkle abundantly.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight. Keep out of the reach of children. Store away from heat/moisture. Reducing agents (combustibles).  
Acids.

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**SECTION 7. Handling and storage (continued)**

**7.3. Specific end use(s)**

No data available.

**SECTION 8. Exposure controls/personal protection**

**8.1. Control parameters**

**Personal protection**

- **Respiratory protection** : Ensure sufficient ventilation and wear a dust mask P2 when taking up intensively material which is accidentally released.
- **Skin protection** : Wear waterproof gloves (preferably PVC or butylrubber) in case of intensive use or contact with undiluted product.
- **Eye protection** : Wear chemical goggles when clearing accidentally released material.
- **Ingestion** : When using, do not eat, drink or smoke.

Environment protection see § 6

**8.2. Occupational Exposure Limits**

None.

**SECTION 9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

- **Appearance** : White.  
Powder.
- **Odour** : Odourless.
- **Odour threshold** : No data available.
- **pH** : 1% 10,5
- **Melting point / Freezing point** : No data available.
- **Initial boiling point - boiling range** : No data available.
- **Flash point** : >100
- **Evaporation rate** : No data available.
- **Flammability** : No data available.
- **Explosion limits (lower - upper)** : Contact with combustible material may cause fire.
- **Vapour pressure** : No data available.
- **Vapour density** : No data available.
- **Relative density** : 0,90 kg/l
- **Solubility** : Good.
- **Partition coefficient :  
n-octanol / water** : No data available.
- **Auto-ignition temperature** : No data available.
- **Thermal decomposition** : No data available.
- **Viscosity** : No data available.
- **Explosive Properties** : No data available.
- **Oxidising properties** : This product contains oxidizing sodium carbonate peroxide



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**SECTION 9. Physical and chemical properties (continued)**

**9.2. Other information**

Volatile Organic Compounds (%) : 0

**SECTION 10. Stability and reactivity**

**10.1. Reactivity**

Even when properly stored, the sodium carbonate peroxide will lose his activity. Therefore it is recommended to consume the product within a year.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Heat. Heat sources. Moisture.

**10.5. Incompatible materials**

Combustibles. Acids. Metals. Reducing agents. Organic compounds. Hypochlorite.

**10.6. Hazardous decomposition products**

None under normal conditions.

**SECTION 11. Toxicological information**

**11.1. Information on toxicological effects**

**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).

**Skin irritation (RBC test: Denaturation Index)** : No data available. (Sodiumdodecylsulfate= 100%)

**Eye irritatie (RBC test: Mean Indices Ocular Irritancy)** : No data available.

**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)).

**SECTION 12. Ecological information**

**12.1. Toxicity**

**48 Hour EC50 Daphnia magna [ppm] (OECD 202)** : 5 Toxic.

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**SECTION 12. Ecological information (continued)**

EC50 72h Algae (*C. vulgaris*) [mg/l] : 7.7 Toxic.

**12.2. Persistence - degradability**

Biodegradation [%] Sapromat respirometry test (OECD 301 F) : No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

**Remarks** : Ecover 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.

**SECTION 13. Disposal considerations**

**13.1. Waste treatment methods**

**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 (not containing any residues) of this product can be disposed of as paper waste according to national or local waste legislation. Packaging containing residues of this product should be disposed of as chemical waste. Empty packaging is not subject to ADR.

**SECTION 14. Transport information**

**GENERAL INFORMATION**

- UN No. : 3378

- H.I. nr : 50

- Transport labelling



: 5.1 : Oxidizing substances.

**LAND TRANSPORT**

- Proper shipping name : SODIUM CARBONATE PEROXYHYDRATE

- ADR Class : 5.1

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**SECTION 14. Transport information (continued)**

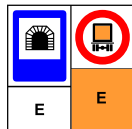
- ADR Packing group : III  
 - Limited Quantity : LQ 12

**SEA TRANSPORT**

- IMO-IMDG code : Class 5.1  
 - IMO Packing group : III  
 - IMDG-Marine pollution : No  
 - EMS-Nr : F-A S-Q

**AIR TRANSPORT**

- ICAO/IATA : Packaging instructions cargo : 518  
 Packaging instructions passenger: 516  
 - Proper shipping name : UN3378 SODIUM CARBONATE PEROXYHYDRATE, 5.1, III, (E)  
 - IATA - Class or division : 5.1  
 - IATA Packing group : III  
 - Other transport information



: E : Passage forbidden through tunnels of category E.

**SECTION 15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Ensure all national/local regulations are observed.

**15.2. Chemical Safety Assessment**

No data available.

**SECTION 16. Other information**

**List of relevant R phrases (heading 3)** : R8 : Contact with combustible material may cause fire.  
 R22 : Harmful if swallowed.  
 R36 : Irritating to eyes.  
 R41 : Risk of serious damage to eyes.

**Training advice** : For correct use of this product: see Technical Data Sheet.

**Sources of key data used** : MSDS and additional literature data of the respective suppliers.  
 Chemical cards, 12th edition, 1997, ed. MIA, VMCI, Samson  
 Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www

**Further information** : None.

**Revision** : Revision - See : \*

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**DISCLAIMER OF LIABILITY**



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**SECTION 16. Other information (continued)**

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The contents and format of this SDS are in accordance with Regulation (EC) 1907/2006

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