



## SAFETY DATA SHEET

### Oxyjon

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name                    Oxyjon  
 Product number                7170/21891

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

Identified uses                Bleach

##### 1.3. Details of the supplier of the safety data sheet

Supplier                        Cole & Wilson Ltd  
                                      Nabbs Lane Chemical Works  
                                      Nabbs Lane  
                                      Slaithwaite  
                                      Huddersfield  
                                      HD7 5AT  
                                      01484 842353  
                                      info@coleandwilson.com

##### 1.4. Emergency telephone number

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards                Not Classified  
 Health hazards                 Acute Tox. 4 - H302 Eye Dam. 1 - H318  
 Environmental hazards        Not Classified

Classification (67/548/EEC or 1999/45/EC)    Xn;R22. Xi;R41.

##### 2.2. Label elements

###### Pictogram



Signal word                     Danger

Hazard statements             H302 Harmful if swallowed.  
                                      H318 Causes serious eye damage.

## Oxyjon

<b>Precautionary statements</b>	P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 Rinse mouth. P501 Dispose of contents/ container in accordance with national regulations.
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**Contains** Sodium Percarbonate Peroxyhydrate

**Detergent labelling** ≥ 30% oxygen-based bleaching agents

**Supplementary precautionary statements** P264 Wash contaminated skin thoroughly after handling.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>Sodium Percarbonate Peroxyhydrate</b>		<b>50-100%</b>
CAS number: 15630-89-4	EC number: 239-707-6	REACH registration number: 01-2119457268-30-XXXX
<b>Classification</b> Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R41. O;R8.	
<b>SODIUM CARBONATE</b>		<b>30-50%</b>
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-XXXX
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>Inhalation</b>	Get medical attention if any discomfort continues. Move affected person to fresh air at once.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
<b>Skin contact</b>	Get medical attention promptly if symptoms occur after washing. Wash skin thoroughly with soap and water. Remove contaminated clothing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse. Get medical attention if any discomfort continues.

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

**Inhalation** Dust may irritate the respiratory system. Symptoms following overexposure may include the following: Burning sensation in mouth. General respiratory distress, unproductive cough.

## Oxyjon

<b>Ingestion</b>	Harmful if swallowed. Swallowing concentrated chemical may cause severe internal injury. Symptoms following overexposure may include the following: Burning sensation in mouth. Severe stomach pain. Gastrointestinal symptoms, including upset stomach.
<b>Skin contact</b>	Causes severe skin burns and eye damage. Symptoms following overexposure may include the following: Chemical burns. Blistering may occur. Pain.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Corneal damage. Severe irritation, burning and tearing.

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

**Notes for the doctor**                      Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards**                      Keep away from flammable and combustible materials. Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen.

**Hazardous combustion products**    Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen.

### 5.3. Advice for firefighters

**Protective actions during firefighting**    If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters**    Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions**                      For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions**            Collect and dispose of spillage as indicated in Section 13.

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

**Methods for cleaning up**                      Do not touch or walk into spilled material. Sweep up and remove for disposal. Residues or small spillages may be flushed away with water. Inform authorities if large amounts are involved.

### 6.4. Reference to other sections

**Reference to other sections**            For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions**                      For professional users only. Wear protective clothing as described in Section 8 of this safety data sheet. Do not eat, drink or smoke when using this product. Avoid spilling. Take any precaution to avoid mixing with combustibles and reducing agents.

## Oxyjon

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **SODIUM CARBONATE**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> resp.dust

WEL = Workplace Exposure Limit

#### Sodium Percarbonate Peroxyhydrate (CAS: 15630-89-4)

**DNEL** Industry - Inhalation; Long term local effects: 5 mg/m<sup>3</sup>  
 Industry - Dermal; Long term local effects: 12.8 mg/cm<sup>3</sup>  
 Industry - Dermal; Long term local effects: 12.8  
 Consumer - Dermal; Short term local effects: 6.4 mg/cm<sup>3</sup>  
 Consumer - Dermal; Long term local effects: 6.4 mg/cm<sup>3</sup>

**PNEC** - Fresh water; 0.035 mg/l  
 - Marine water; 0.035 mg/l  
 - Water, Intermittent release; 0.035 mg/l  
 - STP; 16.24 mg/l

#### SODIUM CARBONATE (CAS: 497-19-8)

**Ingredient comments** WEL = Workplace Exposure Limits

**DNEL** Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection**

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

**Hygiene measures**

Take off immediately all contaminated clothing and wash it before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

**Respiratory protection**

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## Oxyjon

**Environmental exposure controls** Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Granules.
<b>Colour</b>	White/off-white.
<b>Odour</b>	Odourless.
<b>pH</b>	pH (diluted solution): 10-11 @ 1 %
<b>Solubility(ies)</b>	Soluble in water.

#### 9.2. Other information

**Other information** Not available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** The following materials may react with the product: Acids. Flammable/combustible materials. Oxidising materials. Reducing agents.

#### 10.2. Chemical stability

**Stability** Avoid the following conditions: Avoid contact with acids. Avoid contact with flammable/combustible materials.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** The following materials may react strongly with the product: Strong acids. Flammable/combustible materials. Oxidising materials. Reducing agents.

#### 10.4. Conditions to avoid

**Conditions to avoid** Keep at temperature not exceeding 40°C.

#### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Strong oxidising agents. Strong reducing agents.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Heating may generate the following products: Oxides of the following substances: Carbon. Nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**ATE oral (mg/kg)** 1,723.33333333

**Inhalation** Dust may irritate the respiratory system. Symptoms following overexposure may include the following: Burning sensation in mouth. General respiratory distress, unproductive cough.

**Ingestion** Harmful if swallowed. Swallowing concentrated chemical may cause severe internal injury. Symptoms following overexposure may include the following: Burning sensation in mouth. Severe stomach pain. Gastrointestinal symptoms, including upset stomach.

## Oxyjon

<b>Skin contact</b>	Causes severe skin burns and eye damage. Symptoms following overexposure may include the following: Chemical burns. Pain.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Severe irritation, burning and tearing.
<b>Acute and chronic health hazards</b>	ACUTE AND CHRONIC HEALTH EFFECTS: Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash. Swallowing concentrated chemical may cause severe internal injury.

### SECTION 12: Ecological Information

**Ecotoxicity** Low acute toxicity to aquatic organisms.

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

#### 12.2. Persistence and degradability

**Persistence and degradability** Decomposes over time with generation of water and oxygen.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

#### 12.4. Mobility in soil

**Mobility** Not applicable.

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

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of in accordance with Local Authority regulations as special waste according to The Control of Special Waste Regulations 1996.

**EURAL Code**

### SECTION 14: Transport information

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

**Transport labels**

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

## Oxyjon

### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

### SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision comments</b>	Revision is in accordance with Commission Regulation (EC) No 1272/2008
<b>Revision date</b>	17/02/2015
<b>Revision</b>	Revision 2
<b>Supersedes date</b>	11/05/2009
<b>SDS number</b>	21891
<b>Risk phrases in full</b>	R22 Harmful if swallowed. R36 Irritating to eyes. R41 Risk of serious damage to eyes. R8 Contact with combustible material may cause fire.
<b>Hazard statements in full</b>	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation.