SAFETY DATA SHEET
CRUSADER COLOURSAFE OXY POWDER

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

1.1. Product identifier
Product name CRUSADER COLOURSAFE OXY POWDER
Product number C046 EV
Internal identification Janitorial

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Powdered Bleaching agent for Laundry industry

1.3. Details of the supplier of the safety data sheet
Supplier Evans Vanodine International
Brierley Road
Walton Summit
Preston. UK. PR5 8AH
Tel: 01772 322 200
Fax: 01772 626 000
qclab@evansvanodine.co.uk

1.4. Emergency telephone number
Emergency telephone New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri. (Also available 24/7 from our website www.evansvanodine.co.uk) Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards Ox. Sol. 3 - H272
Health hazards Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards Not Classified

2.2. Label hazards
Pictogram

Signal word Danger
Hazard statements H302 Harmful if swallowed.
H272 May intensify fire; oxidiser.
H314 Causes severe skin burns and eye damage.
CRUSADER COLOURSAFE OXY POWDER

Precautionary statements
P102 Keep out of reach of children.  
P261 Avoid breathing dust.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P270 Do not eat, drink or smoke when using this product.  
P220 Keep away from combustible materials.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P315 Get immediate medical advice/ attention.  
P402+P404 Store in a dry place. Store in a closed container.  
P501 Dispose of contents/ container in accordance with local regulations.

Contains
SODIUM PERCARBONATE PEROXYHYDRATE, DISODIUM METASILICATE

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>SODIUM PERCARBONATE PEROXYHYDRATE</th>
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<tr>
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<table>
<thead>
<tr>
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<th>Ox. Sol. 2 - H272</th>
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<tr>
<td>Acute Tox. 4 - H302</td>
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<td>Eye Dam. 1 - H318</td>
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<table>
<thead>
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<th>DISODIUM METASILICATE</th>
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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
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<tr>
<td>STOT SE 3 - H335</td>
<td></td>
</tr>
</tbody>
</table>

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

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.

Skin contact Wash with plenty of water. Get medical attention promptly if symptoms occur after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed
CRUSADER COLOURSAFE OXY POWDER

General information
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation
Irritation of nose, throat and airway.

Ingestion
May cause chemical burns in mouth and throat.

Skin contact
Prolonged skin contact may cause redness and irritation.

Eye contact
Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

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
Oxidising - Supports combustion. Extinguish with the following media: Water spray. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture
Specific hazards
Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. May intensify fire; oxidiser.

5.3. Advice for firefighters
Special protective equipment for firefighters
Keep containers cool by spraying with water to reduce explosion risks. 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
Avoid inhalation of dust. Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8.

6.2. Environmental precautions
Environmental precautions
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections
Reference to other sections
For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions
Wear protective clothing, gloves, eye and face protection. Avoid inhalation of dust. Never add water directly to this product as it may cause a vigorous reaction or boiling. Always dilute by carefully pouring the product into water.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Keep away from flammable and combustible materials. Store in tightly-closed, original container in a dry, cool and well-ventilated place.
CRUSADER COLOURSAFE OXY POWDER

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.
Usage description See Product Information Sheet & Label for detailed use of this product.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.

Eye/face protection The following protection should be worn: Chemical splash goggles or face shield.

Hand protection Wear protective gloves. (Household rubber gloves.)

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Granules. Powder.
Colour White/off-white.
Odour Odourless.

pH pH (diluted solution): 11.00 @1%

Melting point Not applicable.
Initial boiling point and range Not applicable.
Flash point Not applicable.
Relative density Not applicable.
Solubility(ies) Soluble in water.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reacts violently with strong acids. The product will harden into a solid mass in contact with water and moisture.

10.2. Chemical stability

Stability No particular stability concerns.
CRUSADER COLOURSAFE OXY POWDER

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions See sections 10.1, 10.4 & 10.5

10.4. Conditions to avoid
Conditions to avoid The product will harden into a solid mass in contact with water and moisture.

10.5. Incompatible materials
Materials to avoid Strong acids.

10.6. Hazardous decomposition products
Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects
Toxicological effects We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Acute toxicity - oral
Notes (oral LD₅₀) Classification criteria has been met – Product is classified as Harmful if Swallowed.
ATE oral (mg/kg) 1,216.47180471

SECTION 12: Ecological Information

Ecotoxicity Potentially hazardous due to the alkalinity of the product.

12.1. Toxicity
Toxicity We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2. Persistence and degradability
Persistence and degradability The product is not expected to be biodegradable.

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

12.4. Mobility in soil
Mobility Not known.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
CRUSADER COLOURSAFE OXY POWDER

**Disposal methods**
Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

<table>
<thead>
<tr>
<th>SECTION 14: Transport information</th>
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<tbody>
<tr>
<td><strong>14.1. UN number</strong></td>
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<td><strong>IMDG packing group</strong></td>
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<td><strong>ICAO packing group</strong></td>
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<td><strong>14.5. Environmental hazards</strong></td>
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<td><strong>Environmentally hazardous substance/marine pollutant No.</strong></td>
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<td><strong>14.6. Special precautions for user</strong></td>
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<td><strong>Tunnel restriction code</strong></td>
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<tr>
<td><strong>14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code</strong></td>
</tr>
</tbody>
</table>

6/8
CRUSADER COLOURSAFE OXY POWDER

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant. for a packaged product.

SECTION 15: Regulatory information

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

EU legislation


The product is as classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Dangerous Goods.


GHS: Globally Harmonized System.

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity

Eye Dam. = Serious eye damage

Ox. Sol. = Oxidising solid

Skin Corr. = Skin corrosion

STOT SE = Specific target organ toxicity-single exposure

Key literature references and sources for data

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC. ECHA - C&L Inventory database.

Classification procedures according to Regulation (EC) 1272/2008

Calculation Method.

Revision comments

Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2,3,15&16)

Revision date

01/08/2017

Revision

11

SDS status

The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.
<table>
<thead>
<tr>
<th>Hazard statements in full</th>
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</thead>
<tbody>
<tr>
<td>H272 May intensify fire; oxidiser.</td>
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<tr>
<td>H302 Harmful if swallowed.</td>
</tr>
<tr>
<td>H314 Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H318 Causes serious eye damage.</td>
</tr>
<tr>
<td>H335 May cause respiratory irritation.</td>
</tr>
</tbody>
</table>