

SDS conforms with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends (EC) No 2015/830, 453/2010 & 1907/2006)" and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".



## SAFETY DATA SHEET CRUSADER OXY DESTAINER

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

#### 1.1. Product identifier

Product name	CRUSADER OXY DESTAINER
Product number	C011 EV
Internal identification	Professional Hygiene
UFI	UFI: 5XY3-DNYS-K00U-NQ8U

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

Identified uses	Hydrogen Peroxide based Bleaching Agent for Laundry Industry.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	UK Supplier: Evans Vanodine International plc, Brierley Road, Walton Summit, Preston, PR5 8AH, UK. Tel: 01772 322 200. e-mail: <a href="mailto:productcompliance@evansvanodine.co.uk">productcompliance@evansvanodine.co.uk</a>	EU Supplier: Evans Vanodine Europe (FR), 3 Boulevard de Belfort, 1st Floor, Lille, 59000, France. Tel: +33 (0)3 76 04 21 87.
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#### 1.4. Emergency telephone number

Emergency telephone	New Safety Data Sheets - 01772 322 200 - Mon to Thurs 8.30am to 4.30pm - Fri 8.30am to 1.30pm (Also available 24/7 from our website <a href="http://www.evansvanodine.co.uk">www.evansvanodine.co.uk</a> ) For Technical Advice about this SDS - 01772 318 818 - Mon to Thurs 8.00am to 5.30pm
National emergency Telephone number	For Health Care Professionals only For use in UK: Contact the National Poisons Information Service for further advice. For use in the Republic of Ireland: To report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166 – 8am to 10pm every day). For use in Malta: Emergency services (Ambulance, Fire and Rescue, Police) : 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification (EU: 1272/2008 & UK: SI 2020/1567 which amends SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 H335
Environmental hazards	Not Classified

#### 2.2. Label elements

Hazard pictograms

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Signal word	Danger
Hazard statements	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Precautionary statements	P102 Keep out of reach of children. P261 Avoid breathing vapour/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352 IF ON SKIN: Wash with plenty of water. 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. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container in accordance with local regulations.
Contains	HYDROGEN PEROXIDE SOLUTION

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

## SECTION 3: Composition/information on ingredients

3.2. Mixtures

HYDROGEN PEROXIDE SOLUTION	30-40%
CAS number: 7722-84-1	EC number: 231-765-0
Spec Conc Limits :- Ox. Liq. 1 (H271) >=70%, Ox. Liq. 2 (H272) >=50% <70%, Skin Corr. 1A (H314) >=70%, Skin Corr. 1B (H314) >=50% <70%, Skin Irrit. 2 (H315) >=35% <50%, STOT SE 3 (H335) >=35%, Eye Dam. 1 (H318) >=8% <50%, Eye Irrit. 2 (H319) >=5% <8%	
Classification Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Chronic 3 - H412	

The Full Text for all 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. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

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Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

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 stomach pain or vomiting.

Skin contact Skin irritation. Prolonged skin contact may cause redness and irritation.

Eye contact May cause severe eye irritation.

### 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 The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

### 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.

### 5.3. Advice for firefighters

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 Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8. Avoid inhalation of vapours.

### 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 vapours.

### 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. Protect from light. Store away from the following materials: Common metals.

### 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.

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### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters Occupational exposure limits

##### **HYDROGEN PEROXIDE SOLUTION**

Long-term exposure limit (8-hour TWA): WEL 1 ppm 1,4 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 ppm 2,8 mg/m<sup>3</sup> WEL =  
Workplace Exposure Limit.

#### 8.2. Exposure controls

##### Protective equipment



Appropriate engineering controls	Not relevant.
Eye/face protection	Wear eye protection.
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	Liquid.
Colour	Clear. Colourless.
Odour	Odourless.
pH	pH (concentrated solution): 2.00
Melting point	-40°C
Initial boiling point and range	110°C @ 760 mm Hg
Flash point	Boils without flashing.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	1.150 @ 20°C
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not available.

#### 9.2. Other information

Other information	None.
Particle size	Not applicable.

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity                      The following materials may react strongly with the product: Alkaline earth metals. Powdered metal.

#### 10.2. Chemical stability

Stability                        Inadequately vented containers may become pressurised.

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous      See sections 10.1, 10.4 & 10.5 reactions

#### 10.4. Conditions to avoid

Conditions to avoid            Avoid exposure to high temperatures or direct sunlight. Avoid Storage above 30°C

#### 10.5. Incompatible materials

Materials to avoid              Alkalis, acids, metal salts and reducing agents. Powdered metal. Flammable/combustible materials.

#### 10.6. Hazardous decomposition products

Hazardous decomposition      Decomposes slowly to release oxygen. products

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicological effects            We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

#### Acute toxicity - oral

Notes (oral LD<sub>50</sub>)              Classification criteria has been met – Product is classified as Harmful if Swallowed.

ATE oral (mg/kg)                860.0

#### Acute toxicity - dermal

Summary                         Not applicable.

#### Acute toxicity - inhalation

Summary                         Not applicable.

#### Skin corrosion/irritation

Skin corrosion/irritation      Causes skin irritation.

#### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

#### Respiratory sensitisation

Summary                         Not applicable.

#### Skin sensitisation

Summary                         Not applicable.

#### Germ cell mutagenicity

Summary                         Not applicable.

#### Carcinogenicity

Summary                         Not applicable.

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### Reproductive toxicity

Summary Not applicable.

### Specific target organ toxicity - single exposure

STOT - single exposure May cause respiratory irritation.

Target organs Respiratory system, lungs

### Specific target organ toxicity - repeated exposure

Summary Not applicable.

### Aspiration hazard

Summary Not applicable.

11.2. Information on other Hazards None known.

11.2.1. Endocrine disrupting properties None known.

## SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

### 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 This product, at use dilutions, is readily broken down in biological effluent treatment plants.

### 12.3. Bioaccumulative potential

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

Partition coefficient Not applicable.

### 12.4. Mobility in soil

Mobility Not known.

### 12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties None known.

### 12.7. Other adverse effects

Other adverse effects None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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.

## CRUSADER OXY DESTAINER

### SECTION 14: Transport information

Air transport notes                      Forbidden for Air Transport

#### 14.1. UN number

UN No. (ADR/RID)                      2014

UN No. (IMDG)                          2014

UN No. (ICAO)                          2014

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)      HYDROGEN PEROXIDE, AQUEOUS SOLUTION

Proper shipping name (IMDG)         HYDROGEN PEROXIDE, AQUEOUS SOLUTION

Proper shipping name (ICAO)         HYDROGEN PEROXIDE, AQUEOUS SOLUTION

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

ADR/RID class                            Division 5.1: Oxidising substances.

ADR/RID subsidiary risk                Class 8: Corrosive substances.

ADR/RID label                            5.1 & 8

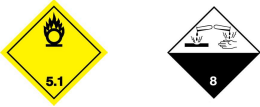
IMDG class                                Division 5.1: Oxidising substances.

IMDG subsidiary risk                    Class 8: Corrosive substances.

ICAO class/division                      Division 5.1: Oxidising substances.

ICAO subsidiary risk                    Class 8: Corrosive substances.

Transport labels



#### 14.4. Packing group

ADR/RID packing group                II

IMDG packing group                    II

ICAO packing group                    II

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

#### 14.6. Special precautions for user

EmS                                         F-H, S-Q

Tunnel restriction code                (E)

#### 14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code      Not relevant for a packaged product.

## CRUSADER OXY DESTAINER

### SECTION 15: Regulatory information

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

##### Legislation

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020."

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

**For the Northern Ireland and EU markets: this product falls under Regulation (EU) 2019/1148 of 20 June 2019 on the marketing and use of explosives precursors. **Proof of identity, customer details and intended use data are required from each customer every 12 months.****

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### 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.  
 ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
 REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.  
 GHS: Globally Harmonized System.  
 Spec Conc Limits = Specific Concentration Limits.

##### Classification abbreviations and acronyms

Acute Tox. = Acute toxicity  
 Eye Dam. = Serious eye damage  
 Ox. Liq. = Oxidising liquid  
 Skin Corr. = Skin corrosion  
 Skin Irrit. = Skin irritation  
 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 labelling of hazardous substances. ECHA - C&L Inventory database.

##### Classification procedures

Calculation Method.



## CRUSADER OXY DESTAINER

Revision comments            Addition of Regulation (EU) 2019/1148 to Sec 15.  
Also New Evans EU Address - No change in Product Classification.  
(Changes made to sections 1,15+16)

Revision date                09/07/2024

Revision                      11

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.

Hazard statements in full    H271 May cause fire or explosion; strong oxidiser.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.