



HUGH CRANE

— Cleaning Equipment Limited —

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Issue Date 26/07/2018
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SAFETY DATA SHEET

Commission Regulation (EU) No. 2015/830 of 28 May 2015

TRICEL PRO OXY POWER

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Names: TRICEL PRO OXY POWER
Product No.: 03HC1113 / 800- 300-3779 S10
Supplier: Hugh Crane (Cleaning Equipment) Ltd.
South Walsham Road,
Acle, Norwich. NR13 3ES
Tel (01493) 750072 Fax (01493) 751854
National Emergency Tel. No.: In case of a medical emergency following exposure to a chemical, call NHS Direct in
England or Wales 0845 46 47 or NHS24 in Scotland 08454 242424

Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against:

Identified Uses: Washing and cleaning. .
Uses Advised Against: No specific uses advised against are identified.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification (EC 1272/2008):

Physical Hazards: Ox. Sol 2 - H272
Health Hazards: Acute Tox 4 - H302
Eye Dam 1 - H318
Environmental Hazards: Not classified.

Label elements

Pictogram:



Signal Word: Danger.

Hazard Statements: H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.

Precautionary statements: H318 Causes serious eye damage
P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280 Wear eye protection.
P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
P220 Keep away from combustible materials.
P501 - Dispose of contents/container to a hazardous or special waste collection point.
Contains: SODIUM PERCARBONATE, C12-15 FATTY ALCOHOL 7MOL EO
Other hazards: This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Ingredient(s)	EC No.	CAS No.	REACH Registration No. / Other Info	Classification 67/548/EEC	Classification EC 1272/2008	Weight %
SODIUM PERCARBONATE		15630-89-4		Xn; R22. Xi; R41. O; R8.	Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	60-100%
SODIUM CARBONATE	207-838-8	497-19-8	01-2119485498-19-XXXX	Xi; R36	Eye Irrit. 2 - H319	10-30%
C12-15 FATTY ALCOHOL 7MOL EO		68131-39-5	M factor (Acute) = 1	Xn; R22. Xi; R41. N; R50	Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	1-5%

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

4. FIRST AID MEASURES

Description of first aid measures

General Information: Provide eyewash station.



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Inhalation: Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

Skin contact: Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Inhalation: May cause respiratory irritation.

Ingestion: Harmful if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Nausea, vomiting. Diarrhoea. May be harmful if swallowed and enters airways.

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

Eye contact: May cause serious eye damage. Severe irritation.

Indication of any immediate medical attention and special treatment needed

Notes for the Doctor: No specific recommendations.

5 FIREFIGHTING MEASURES

Suitable Extinguishing media: Use fire-extinguishing media appropriate for surrounding fire. Foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Specific hazards: The product is non-combustible. May cause or intensify fire; oxidiser.

Hazardous combustion products: No known hazardous decomposition products.

Advice for firefighters

Protective Actions During Firefighting: 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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

Environmental precautions: Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.

Methods And Material For Containment And Cleaning Up

Methods for Cleaning Up: Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

Reference to other sections: For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Usage Precautions: Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product.

Conditions for safe storage, including any incompatibilities

Storage Precautions: Store in tightly-closed, original container in a dry and cool place. Protect from moisture. Keep out of the reach of children. Store at temperatures not exceeding 40°C.

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



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

SODIUM PERCARBONATE (CAS: 15630-89-4)

DNEL:	Workers - Inhalation; Long term local effects: 5 mg/m ³ Workers - Dermal; Long term local effects: 12.8 mg/cm ² Workers - Dermal; Short term local effects: 12.8 mg/cm ² General population - Dermal; Long term local effects: 6.4 mg/cm ² General population - Dermal; Short term local effects: 6.4 mg/cm ²
PNEC:	- Fresh water; 0.035 mg/l - Marine water; 0.035 mg/l - STP; 16.24 mg/l

SODIUM CARBONATE (CAS: 497-19-8)

DNEL:	Workers - Inhalation; Long term local effects: 10 mg/m ³ General population - Inhalation; Long term local effects: 10 mg/m ³
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Exposure controls

Protective equipment:



Eye/face protection:

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. The breakthrough time for any glove material may be different for different glove manufacturers. The selected gloves should have a breakthrough time of at least 240 hours. It is recommended that gloves are made of the following material: Rubber (natural, latex). Butyl rubber. Thickness: > 0.5 mm Nitrile rubber. Thickness: > 0.35 mm

Other skin and body protection:

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.

Hygiene measures:

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection:

Respiratory protection not required.

Environmental exposure controls: Avoid releasing into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Crystalline powder
Colour:	White.
Odour:	Odourless.
Odour Threshold:	Not applicable.
pH-Value Diluted Solution:	10.3 – 10.7 (1g/100ml)
Flammability (solid, gas):	The product is not flammable.
Relative density:	920-1080 g/l
Solubility(ies):	Completely soluble in water.
Explosive under the influence of a flame:	Not considered to be explosive.
Oxidising properties:	The product contains a substance classified as oxidising.
Comments:	Information given is applicable to the product as supplied.
Other information:	Not relevant

10. STABILITY AND REACTIVITY

Reactivity:	May intensify fire; oxidiser.
Chemical stability:	Stable at normal ambient temperatures.
Possibility of hazardous reactions:	Not applicable.
Conditions to avoid:	Avoid excessive heat for prolonged periods of time. Acids



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Materials To Avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous Decomp'n Products: No known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

Information On Toxicological Effects

Information given is based on data of the components and of similar products.

Acute toxicity - oral

Notes (oral LD₅₀): Harmful if swallowed. Calculation method.
ATE oral (mg/kg): 1723.33

Acute toxicity - dermal

Notes (dermal LD₅₀): Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LD₅₀): Based on available data the classification criteria are not met.

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Serious eye damage/irritation: Causes serious eye damage. Calculation method.

Respiratory sensitisation: Based on available data the classification criteria are not met.

Skin sensitisation: Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro: Does not contain any substances known to be mutagenic.

Carcinogenicity: Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility: Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure: Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure: Not classified as a specific target organ toxicant after repeated exposure.

General information: This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

Ingestion: May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact: Skin irritation should not occur when used as recommended. Prolonged and frequent contact may cause redness and irritation.

Eye contact: A single exposure may cause the following adverse effects: Corneal damage. Severe irritation, burning, tearing and blurred vision.

Toxicological information on ingredients.

SODIUM PERCARBONATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀mg/kg): 1,034.0

Species: Rat

ATE oral (mg/kg): 1,034.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg): 2,000.1

Species: Rabbit

ATE dermal (mg/kg): 2,000.1

SODIUM CARBONATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀mg/kg): 2,800.0

Species: Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg): 2,000

Species: Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) : 2.3

Species: Rat



12 ECOLOGICAL INFORMATION

Ecotoxicity: There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1 Toxicity

Ecological information on ingredients.

SODIUM PERCARBONATE

Acute aquatic toxicity

Acute toxicity fish: LC₅₀, 70.7 hours: 48 mg/l, Pimephales promelas (Fat-head Minnow).

REACH dossier information.

Acute toxicity - aquatic invertebrates: EC₅₀, 48 hours: 4.9 mg/l, Freshwater invertebrates
REACH dossier information.

SODIUM CARBONATE

Acute aquatic toxicity

Acute toxicity - fish: LC₅₀, 96 hours: 300 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic invertebrates: EC₅₀, 48 hours: 265 mg/l, Daphnia magna

12.2 Persistence and degradability

Persistence and degradability: There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

12.4 Mobility in soil

Mobility: The product is water-soluble and may spread in water systems.

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: None known.

13 DISPOSAL CONSIDERATIONS

General information: Do not discharge into drains or watercourses or onto the ground..

Waste Treatment Methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging is recyclable.

14. TRANSPORT INFORMATION

General: As supplied, this product is consigned under the Limited Quantities provisions.

	ADR / RID	IMDG	ICAO	ADN
UN Number	1479	1479	1479	1479
Proper Shipping Name	OXIDISING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)	OXIDISING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)	OXIDISING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)	OXIDISING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)
Transport Hazard Class	5.1 Classification Code: O2 Label: 5.1	5.1	5.1	5.1
Transport Labels				
Packing Group	III	III	III	III

Environmental hazards

Environmentally hazardous substance/marine pollutant: No

Special precautions for user

EmS: F-A, S-Q

ADR Transport Category: 3

Emergency Action Code: 1Y

Hazard Identification No (ADR/RID): 50



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Tunnel Restriction Code: E

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

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

National regulations: The Control of Substances Hazardous to Health Regulations (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 453/2010 of 20 May 2010.
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).
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance: Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
COSHH Essentials.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.

Chemical Safety Assessment: No information available.

16. OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet:

DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Revision Information

Revision Date: 26TH July 2018

Revision : 3

Supersedes SDS Dated: 15/06/2017

SDS No.: 20991

Hazard Phrases In Full: H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

End of Safety Data Sheet.