



Sedex



mirius™
A Coventry Group Company

SAFETY DATA SHEET

TRICEL PROFESSIONAL OXY POWDER

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

1.1. Product identifier

Product name TRICEL PROFESSIONAL OXY POWDER
Product number 800-300-3779 S10
Container size 5kg

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

Identified uses Washing and cleaning.

1.3. Details of the supplier of the safety data sheet

Supplier MIRIUS™
 A Coventry Group Company
 Woodhams Road, Siskin Drive,
 Coventry, England, CV3 4FX
www.mirius.com
info@mirius.com
 +442476639739

Contact person sds@mirius.com

Manufacturer SENZORA BV
 Postbus 104 7400 AC Deventer - Nederland T +31 570 683333 - F +31 570 617126
info@senzora.nl - www.senzora.com

1.4. Emergency telephone number

Emergency telephone Guy's & St Thomas' Poisons Unit 0870 243 2241

National emergency telephone UK:

number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Ox. Sol. 3 - H272
Health hazards Acute Tox. 4 - H302 Eye Dam. 1 - H318
Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word

Danger

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Hazard statements	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H318 Causes serious eye damage.
Precautionary statements	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

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

SODIUM PERCARBONATE	60-100%
CAS number: 15630-89-4	EC number: 239-707-6
Classification	Classification (67/548/EEC or 1999/45/EC)
Ox. Sol. 3 - H272	Xn;R22. Xi;R41. O;R8.
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
SODIUM CARBONATE	10-30%
CAS number: 497-19-8	EC number: 207-838-8
Classification	
Eye Irrit. 2 - H319	
C12-15 FATTY ALCOHOL 7MOL EO	1-5%
CAS number: 68131-39-5	
M factor (Acute) = 1	
Classification	Classification (67/548/EEC or 1999/45/EC)
Eye Dam. 1 - H318	Xn;R22. Xi;R41. N;R50.
Aquatic Acute 1 - H400	
Aquatic Chronic 3 - H412	

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

General information	Provide eyewash station.
Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

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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.

4.2. 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.

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

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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5.2. 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.

5.3. 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.

SECTION 6: Accidental release measures

6.1. 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.
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6.2. Environmental precautions

Environmental precautions	Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

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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. Avoid the spillage or runoff entering drains, sewers or watercourses.
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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. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Provide adequate ventilation. 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 this product.
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7.2. 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.
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7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/Personal protection

8.1. 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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8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate ventilation.
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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 that provides appropriate eye and face protection should be worn.
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, wear gloves that are proven to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, 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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Crystalline powder.
Colour	White.
Odour	Odourless.
Odour threshold	Not applicable. Not applicable.
pH	pH (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.

9.2. Other information

Other information	Not relevant.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	May intensify fire; oxidiser.
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10.2. Chemical stability

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Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time. Acids.

10.5. Incompatible materials

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

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 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) 1,723.33

Acute toxicity - dermal

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

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory sensitisation

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

Skin sensitisation

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

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

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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.

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2 Other information

Toxicological information on ingredients.

SODIUM PERCARBONATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 1,034.0 mg/kg)

Species Rat

ATE oral (mg/kg) 1,034.0

Acute toxicity - dermal

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

Species Rabbit

ATE dermal (mg/kg) 2,000.1

Acute toxicity - inhalation

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

Species Rat

SODIUM CARBONATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 2,800.0 mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,000.0 mg/kg)

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Species Rabbit

Acute toxicity - inhalation

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

Species Rat

SECTION 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 The Detergents Regulations (as amended).

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. Endocrine disrupting properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

General information	Do not discharge into drains or watercourses or onto the ground.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging is recyclable.

SECTION 14: Transport information

General	As supplied, this product is consigned under the Limited Quantities provisions.
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14.1. UN number

UN No. (ADR/RID)	1479
UN No. (IMDG)	1479
UN No. (ICAO)	1479
UN No. (ADN)	1479

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	OXIDIZING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)
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Proper shipping name (IMDG) OXIDIZING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)

Proper shipping name (ICAO) OXIDIZING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)

Proper shipping name (ADN) OXIDIZING SOLID, N.O.S. (CONTAINS SODIUM PERCARBONATE)

14.3. Transport hazard class(es)

ADR/RID class	5.1
ADR/RID classification code	O2
ADR/RID label	5.1
IMDG class	5.1
ICAO class/division	5.1
ADN class	5.1

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

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EmS	F-A, S-Q
ADR transport category	3
Emergency Action Code	1Y
Hazard Identification Number (ADR/RID)	50
Tunnel restriction code	(E)

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

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
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.

15.2. Chemical safety assessment

No information available.

SECTION 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 comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	22/01/2026
Revision	4
Supersedes date	26/07/2018
SDS number	20991
Hazard statements in full	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. 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.

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.