



SAFETY DATA SHEET
OPC BRIGHTWASH PERACETIC ACID

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Compilation date: 23/08/2021

Revision No: 1

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

1.1. Product identifier

Product name: OPC BRIGHTWASH PERACETIC ACID

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

Use of substance / mixture: Professional laundry product - destainer

1.3. Details of the supplier of the safety data sheet

Company name: OPC Solutions
Unit 3 Trojan Business Centre
Cobbold Road
London
NW10 9ST

Tel: 0845 070 4535

Fax: 0845 070 4536

Email: sales@theoplgroup.co.uk

1.4. Emergency telephone number

Emergency tel: 0845 070 4535
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Ox. Liq. 2: H272; Acute Tox. 4: H302+H312+H332; Skin Corr. 1A: H314; STOT SE 3: H335; Aquatic Chronic 1: H410

Most important adverse effects: May intensify fire; oxidiser. Harmful if swallowed, in contact with skin or if inhaled Causes severe skin burns and eye damage. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H272: May intensify fire; oxidiser.
H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled
H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.
H410: Very toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS03: Flame over circle
GHS05: Corrosion
GHS07: Exclamation mark
GHS09: Environmental

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Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260: Do not breathe vapours/mist.
P280: Wear protective gloves/clothing and eye/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a doctor.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P273: Avoid release to the environment.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Haz. ingredients (label): HYDROGEN PEROXIDE SOLUTION; ACETIC ACID; PERACETIC ACID.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROGEN PEROXIDE SOLUTION - REACH registered number(s): 01-2119485845-22-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-765-0	7722-84-1	-	Ox. Liq. 1: H271; Acute Tox. 4: H332; Acute Tox. 4: H302; Skin Corr. 1A: H314	10-30%

ACETIC ACID - REACH registered number(s): 01-2119475328-30-XXXX

200-580-7	64-19-7	-	Flam. Liq. 3: H226; Skin Corr. 1A: H314	10-30%
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PERACETIC ACID - REACH registered number(s): 01-2119531330-56-XXXX

201-186-8	79-21-0	-	Flam. Liq. 3: H226; Org. Perox. CD: H242; Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Acute 1: H400	1-10%
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Section 4: First aid measures

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4.1. Description of first aid measures

Skin contact: Remove contaminated clothing immediately and rinse skin with plenty of water. Get medical attention promptly if symptoms occur after washing.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses, if present and easy to do. Consult a doctor.

Ingestion: Immediately rinse mouth and drink plenty of water (200-300ml). Do not induce vomiting. Consult a doctor.

Inhalation: Move the exposed person to fresh air at once. Get medical attention or advice if you feel unwell.

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

Skin contact: Blistering may occur. May cause serious chemical burns to the skin.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: May cause chemical burns in mouth, oesophagus and stomach.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with inert liquid-binding material (sand, dry earth, diatomite, universal binders).
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

HYDROGEN PEROXIDE SOLUTION...100%

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1.4 mg/m ³	2.8 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: No special requirements under normal use conditions. However, inhalation of vapour/spray should be avoided.

Hand protection: Wear suitable protective gloves, which comply with standard EN374.

Eye protection: Safety glasses or safety goggles

Skin protection: Wear suitable protective clothing as protection against splashing.

Section 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: Pungent
Oxidising: Oxidising (by EC criteria)
Solubility in water: Soluble
Viscosity: Non-viscous
Melting point/range°C: < -15
Flash point°C: 80
Relative density: 1.1 - 1.2
pH: < 2 (neat)

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Keep away from combustible materials, strong acids, strong alkalis, strong oxidising agents, strong reducing agents, metals, metal oxides.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

HYDROGEN PEROXIDE SOLUTION...100%

ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	376	mg/kg

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SKN	RAT	LD50	4060	mg/kg
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ACETIC ACID...100%

IVN	MUS	LD50	525	mg/kg
ORL	RAT	LD50	3310	mg/kg

PERACETIC ACID...100%

IVN	MUS	LD50	17860	µg/kg
ORL	MUS	LD50	210	mg/kg
ORL	RAT	LD50	1540	µl/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Blistering may occur. May cause serious chemical burns to the skin.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: May cause chemical burns in mouth, oesophagus and stomach.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

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12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Waste is classified as hazardous. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3149

14.2. UN proper shipping name

Shipping name: HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

14.3. Transport hazard class(es)

Transport class: 5.1 (8)

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

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Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.
H242: Heating may cause a fire.
H271: May cause fire or explosion; strong oxidiser.
H272: May intensify fire; oxidiser.
H302: Harmful if swallowed.
H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.