

HYDRO OXIDE | SAFETY DATA SHEET

Compilation Date: 12/05/2015 Revision: 1



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

1.1 Product Identifier

Product Name: HYDRO.OXIDE

CAS Number: 010049-04-4

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

Use of substance / mixture: Ready to use Chlorine Dioxide solution.

1.3 Details of the supplier of the safety data sheet

Company: Dejex Supplies Ltd
7 Millfield Road, Donington, Spalding, Lincs. PE11 4UR

Tel: 01775 821800

Email: sales@dejex.co.uk

1.4 Emergency Telephone Number

SECTION 2 : Hazards Identification

2.1 Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2 Label Elements

Label elements under CLP:

Precautionary Statements: P262: Do not get in eyes, on skin, or on clothing.
P269: Do not breathe vapours.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P285: In case of inadequate ventilation wear respiratory protection.

2.3 Other Hazards

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

SECTION 3 : Composition/Information on Ingredients

3.1 Substances

Chemical Identity: HYDRO.OXIDE

CAS Number: 010049-04-4

Contains: Chlorine dioxide solution <0.3%

SECTION 4 : First Aid Measures

4.1 Description of First Aid Measures

Skin Contact:	Immediately wash with soap and water.
Eye Contact:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion:	Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible.

4.2 Most important symptoms and effects, both acute and delayed

Skin Contact:	There may be mild irritation at the site of contact.
Eye Contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

4.3 Indication of any immediate medical attention and special treatment needed

Delayed/immediate effects:	Not applicable.
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SECTION 5 : Fire Fighting Measures

5.1 Extinguishing Media	Use media suitable for the surrounding fire.
5.2 Special hazards arising from the substance or mixture	
Exposure Hazards:	Oxidising.
5.3 Advice for Fire Fighters	
Advice for Fire Fighters:	Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

SECTION 6 : Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures	
Personal Precautions:	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.
6.3 Methods and material of containment and cleaning up	
Clean up procedures:	Absorb into dry earth or sand. Wash down the drain with large amounts of water.
6.4 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.
7.2 Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in cool, well ventilated area.
7.3 Specific end use(s)	No data available.

SECTION 8 : Exposure controls/personal protection

8.1	Workplace exposure limits:	No data available.
8.1	DNEL/PNEC Values	No data available.
8.2	Exposure controls	
	Engineering measures:	Ensure there is sufficient ventilation of the area.
	Respiratory protection:	Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type B: inorganic vapours excl. CO (EN141).
	Hand protection:	Protective gloves.
	Eye protection:	Safety glasses with side-shields.
	Skin protection:	Protective clothing.

SECTION 9 : Physical and chemical properties

9.1	Information on basic physical and chemical properties			
	State:	Liquid		
	Colour:	Yellow/Green		
	Odour:	Irritating odour		
	Oxidising:	Oxidising (by EC criteria)		
	Solubility in water:	Soluble		
	Viscosity:	Non-viscous		
	Relative density:	1.005	pH:	3-4
9.2	Other information			
	Other information:	No data available.		

SECTION 10 : Stability and reactivity

10.1	Reactivity	Stable under recommended transport or storage conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4	Conditions to avoid	Heat.
10.5	Incompatible materials	
	Materials to avoid:	Strong acids. Bases. Reducing agents.
10.6	Hazardous decomposition products	
	Haz. decomp. products:	In combustion emits toxic fumes.

SECTION 11 : Toxicological information

11.1 Information on toxicological effects

Toxicity values:	No data available.
Symptoms / routes of exposure	
Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

SECTION 12 : Ecological information

12.1 Toxicity

Ecotoxicity values:	No data available.
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12.2 Persistence and degradability

Rapidly biodegradable.

12.3 Bioaccumulative potential

No bioaccumulative potential.

12.4 Mobility in soil:

Soluble in water.

12.5 Results of PBT and vPvB assessment

PBT identification:	This product is not identified as a PBT substance.
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12.6 Other adverse effects

Do not allow concentrated product to enter rivers or water courses.

SECTION 13 : Disposal considerations

13.1 Waste treatment methods

Disposal operations:	Disposal should be carried out by licenced contractors. Transfer to a suitable container and arrange for collection by specialised disposal company. Do not allow entry to drains or waterways.
Disposal of packaging:	Containers must be disposed of in a safe way. Disposal to a special waste disposal plant, in accordance with local council regulations.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14 : Transport information

Transport class:	This product does not require a classification for transport.
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SECTION 15 : Regulatory information

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

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.
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SECTION 16 : Other information

Other information:

This safety data sheet is prepared in accordance with
Commission Regulation (EU) No 453/2010

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

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.