

**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Product Name: Descaling Liquid
Product Distributor: Britex Cleaning Products · Unit 3 · Hudson Road · Bedford MK41 0LZ · United Kingdom
Telephone: 01234 324530 · Fax: 01234 266873 · Email: sales@britexproducts.co.uk
Manufacturer: Greyland Ltd · Dunkinfield · Cheshire SK16 4PP · United Kingdom

2 HAZARDS IDENTIFICATION

Main Hazards: Irritating to skin. Risk of serious damage to eyes. Causes burns.

3 COMPOSITION / INFORMATION ON INGREDIENTS

	<i>Name</i>	<i>EINICS No.</i>	<i>CAS No.</i>	<i>Content</i>	<i>Classification</i>
Hazardous Ingredients:	Orthophosphoric Acid (See also section 16)	231-633-2	7664-38-2	10-30%	Xi: R38/41; C: R34

4 FIRST AID MEASURES

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water. Get medical attention.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.
Skin Contact: Remove all contaminated clothes and footwear immediately, unless stuck to skin. Wash immediately with plenty of soap and water.
Eye Contact: Bathe the affected eye with running water for at least 15 minutes. Seek medical treatment for a specialist examination.

5 FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray to cool containers. Use fire-extinguishing media appropriate for surrounding materials.
Exposure Hazards: Corrosive. In combustion emits toxic fumes.
Protection: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Contain spillage if possible without risk. Do not take action without suitable protective clothing (see section 8).
Environmental Precautions: Do not discharge into water sources or sewers. Contain spillage using bunding.
Clean-up Procedures: Absorb in dry sand or earth. Transfer to a closeable, labelled, salvage container for disposal.

7 HANDLING AND STORAGE

Handling Requirements: Avoid direct contact with the substance. Eye protection should be considered where there is a risk of splashing. Suitable impermeable gloves and barrier cream are recommended when using any chemical.
Storage: Store in cool, well ventilated area. Keep in original container only. Keep container tightly closed.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Ingredients: ORTHOPHOSPHORIC ACID 100%. WEL (8hr TWA): 1mg/m³. WEL (15min STEL): 2mg/m³.
Hand Protection: Protective gloves.
Eye Protection: Tightly fitting safety goggles.
Skin Protection: Protective clothing.



Britex Material Safety Data Sheet
DESCALING LIQUID

9 PHYSICAL AND CHEMICAL PROPERTIES

Properties:	<i>State</i>	<i>Colour</i>	<i>Odour</i>	<i>Oxidising</i>	<i>Solubility</i>	<i>Viscosity</i>	<i>Flash Point °C</i>	<i>pH</i>
	Liquid	Brown	Characteristic	Non-oxidising	Soluble in Water	Non-viscous	>70	<2

10 STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Excessive heat.
Materials to Avoid:	Strong oxidising agents. Strong acids.
Hazard. Decomp. Products:	In combustion emits toxic fumes.

11 TOXICOLOGICAL INFORMATION

Hazardous Ingredients:	ORTHOPHOSPHORIC ACID 100%. ORL RAT LD50 1530 mg/kg.
Ingestion:	May cause corrosive burns around lips. Blood may be vomited. Bleeding may occur from the mouth or nose.
Inhalation:	There may be a shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
Skin Contact:	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
Eye Contact:	Corneal burns may occur. Risk of permanent damage.

12 ECOLOGICAL INFORMATION

Mobility:	Readily absorbed into soil.
Persistence & Degradability:	Biodegradable.
Bioaccumulative Potential:	None.
Ecotoxicity:	Negligible.

13 DISPOSAL CONSIDERATIONS

Disposal Methods:	Transfer to a suitable container and arrange for collection by a specialised disposal company.
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14 TRANSPORT INFORMATION

	<i>UN No.</i>	<i>Class</i>	<i>Packing Group</i>	<i>Labelling</i>	<i>Other Information</i>
ADR / RID:	1805	8	III	8	Classification Code: C1; Hazard ID No: 80
IMDG / IMO:	1805	8	III	8	EmS: 8-08; Not a marine pollutant
IATA / ICAO:	1805	8	III	8	Packing Instructions: 819(P&CA); 821(PAO)

15 REGULATORY INFORMATION

Labelling:	Xi: Irritant
Risk Phrases:	R34: Causes burns. R36: Irritating to skin. R38: Risk of serious damage to eyes.
Safety Phrases:	S1/2: Keep locked up and out of the reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately.
Statutory Instruments:	Chemicals (Hazard Information and Packaging) Regulations.
Approved Code of Practice:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes:	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for Everyone HSG(108).

16 OTHER INFORMATION

General Information:	(<i>Risk phrases used in Section 3</i>): R34: Causes burns. R38: Irritating to skin. R41: Risk of serious damage to eyes.
Legal Disclaimer:	The above information is believed to be correct but does not purport to be all inclusive and should only be used as a guide.
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