



Britex Material Safety Data Sheet

# DISHWASHER DETERGENT TANNIN REMOVER

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

**Product Name:** Dishwasher Detergent Tannin Remover  
**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 · Stockport · Cheshire SK5 7BX · United Kingdom

## 2 HAZARDS IDENTIFICATION

**Main Hazards:** Causes burns.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

	Name	ENICS No.	CAS No.	Content	Classification
Hazardous Ingredients:	Sodium Hydroxide	215-185-5	1310-73-2	1-5%	C:R35
	Nitritotriacetic Acid Trisodium Salt (See also section 16)	-	5064-31-3	10-30%	Xn:R32; Xi:R38; Xi:R36

## 4 FIRST AID MEASURES

**Ingestion:** DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Get medical attention.

**Inhalation:** Vacate from source of exposure. If breathing becomes bubbly, sit down and seek medical attention.

**Skin Contact:** Remove all contaminated clothes and footwear immediately, unless stuck to skin. Drench the affected area with running water for at least 10 minutes if substance is still on skin. Get medical attention immediately if blistering occurs or there are symptoms of poisoning.

**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:** SODIUM HYDROXIDE. WEL (8hr TWA): 2mg/m<sup>3</sup>. WEL (15min STEL): 2mg/m<sup>3</sup>.

**Hand Protection:** Impermeable gloves.

**Eye Protection:** Tightly fitting safety goggles.

**Skin Protection:** Impermeable protective clothing.



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## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Properties:</b>	<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	Colourless	Characteristic	Non-oxidising	Soluble in Water	Non-viscous	>70	12-13

## 10 STABILITY AND REACTIVITY

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

## 11 TOXICOLOGICAL INFORMATION

<b>Hazardous Ingredients:</b>	SODIUM HYDROXIDE. IPR MUS LD50 40 mg/kg. ORL RBT LDLO 500 mg/kg. NITRILOTRIACETIC ACID TRISODIUM SALT. ORL RAT LD50 1000-2000 mg/kg
<b>Ingestion:</b>	May cause corrosive burns around lips. Blood may be vomited. Bleeding may occur from the mouth or nose.
<b>Inhalation:</b>	There may be a shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
<b>Skin Contact:</b>	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
<b>Eye Contact:</b>	Corneal burns may occur. Risk of permanent damage.

## 12 ECOLOGICAL INFORMATION

<b>Mobility:</b>	Readily absorbed into soil.
<b>Persistence &amp; Degradability:</b>	Biodegradable.
<b>Bioaccumulative Potential:</b>	None.
<b>Ecotoxicity:</b>	Negligible.

## 13 DISPOSAL CONSIDERATIONS

<b>Disposal Methods:</b>	Dispose of waste and residues in accordance with local authority requirements.
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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>
<b>ADR / RID:</b>	1824	8	III	8	Classification Code: C5; Hazard ID No: 80
<b>IMDG / IMO:</b>	1824	8	III	8	EmS: F-A, S-B; Not a marine pollutant
<b>IATA / ICAO:</b>	1824	8	III	8	Packing Instructions: 819(P&CA); 821(CAO)

## 15 REGULATORY INFORMATION

<b>Labelling:</b>	C: Corrosive.
<b>Risk Phrases:</b>	R34: Causes burns.
<b>Safety Phrases:</b>	S1/S2: 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.
<b>Statutory Instruments:</b>	Chemicals (Hazard Information and Packaging) Regulations.
<b>Approved Code of Practice:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>Guidance Notes:</b>	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for Everyone HSG(108).

## 16 OTHER INFORMATION

<b>General Information:</b>	( <i>Risk phrases used in Section 3</i> ): R35: Causes severe burns. R22: Harmful if swallowed. R36: Irritating to eyes. R38: Irritating to skin.
<b>Legal Disclaimer:</b>	The above information is believed to be correct but does not purport to be all inclusive and should only be used as a guide.
<b>Issue Date:</b>	04 Jan 2012.