Restore Pre-Clean Degreaser Material Safety Datasheet

Part No: US-SO-RPC-250ML
Doc V: 1.0

1.0 IDENTIFICATION

1.1 Product Name: Restore Pre-Clean Degreaser
1.2 Supplier: Allendale Electronics Ltd
Pindar Road,
Hoddesdon,
Hertfordshire,
EN11 0BZ.
Telephone No. +44 (0) 1992 450780
Fax No. +44 (0) 1992 450781

2.0 COMPOSITION / INFORMATION ON INGREDIENTS

A water soluble, aqueous alkaline blend of non-ionic surfactants, emulsifiers and sequestrants.

Hazardous Ingredients:	CAS No.	%w.w (range)	Risk Phrases
Sodium Hydroxide	1310-73-2	< 1.5	R35 Corrosive
Trisodium Nitrilotriacetate (40% active solution)	5064-31-3	< 10.0	R36 Irritant R22 Harmful
Alcohol ethoxylate (surfactant)		< 5.0	R36 Irritant

3.0 HAZARDS IDENTIFICATION

Product is supplied in a concentrated form, which is classed as IRRITANT under CHIP Regulations.
Risk Phrases 36/38 irritating to eyes and skin.

4.0 FIRST AID MEASURES

4.1 Skin Contact: Remove contaminated clothing and wash with soap and water. If irritation persists seek medical attention. Wash contaminated clothing thoroughly before re-use.
4.2 Eye Contact: Flush with large quantity of clean water. Seek medical attention.
4.3 Ingestion: If swallowed DO NOT INDUCE vomiting: Give small sips of milk or water to drink and seek immediate medical attention and show this document.

5.0 FIRE FIGHTING MEASURES

Product is NOT flammable. Irritating fumes may be given off in the event of a fire.
Treat fires with dry chemical, foam or water spray.

6.0 ACCIDENTAL RELEASE

Spillages can be rinsed away to drain –diluting with plenty of water. Alternatively absorb spillage in inert material e.g. dry sand or earth and dispose of in accordance with local regulations.

7.0 HANDLING AND STORAGE

7.1 Handling: Avoid contact with skin and eyes. Wear safety glasses and protective rubber gloves.
7.2 Storage: Store in original packaging. Do not use the product in galvanized or zinc plated containers. Keep out of reach of children.
Store at ambient temperature between 0ºC and 30ºC. Do not mix with any other chemicals.

8.0 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Hand & body protection: Oil resistant gloves and apron or other suitable protective clothing.
8.2 Eyes: Protective safety glasses.
8.3 Occupational exposure limits (OES): Sodium Hydroxide L.T.E.L 8 hrs Not Set
S.T.E.L. 15 mins 2mg/cubic meter

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9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance:	Clear Blue liquid
9.2 Odour:	None
9.3 pH:	13.5
9.4 Flammability:	N/A
9.5 Relative Density:	1.041
9.6 Solubility:	Soluble in water.

10.0 STABILITY AND REACTIVITY

Stable under normal conditions of storage and use. Do not allow to come into contact with aluminium or chrome or sensitive painted surfaces. If in doubt, always test on a small area first. Do not allow to dry onto surfaces being degreased. This product may react with aluminium, tin or zinc to evolve hydrogen which is highly flammable. Do not use on galvanised or zinc plated surfaces.

11.0 TOXICOLOGICAL INFORMATION

No significant health hazards when used properly. Likely effects of contact:

11.1 Skin Contact:	Irritation/redness degreases skin which may lead to redness/cracking and dermatitis.
11.2 Eye contact Irritant:	Severe pain, redness, watering. May cause permanent damage.
11.3 Ingestion:	Unlikely unless deliberate. Will cause sore mouth/throat, abdominal pain and vomiting.

12.0 ECOLOGICAL INFORMATION

Product is considered to be biodegradable and is free from all ‘endocrine interruptor’ alkylphenols and their derivatives. Free from nonyl phenols: CHIP 3 compliant and not classified as Dangerous to the Environment under CHIP 3 Regulations.

13.0 DISPOSAL

13.1 In accordance with national and local regulations.

14.0 TRANSPORT INFORMATION

Proper Shipping Name Corrosive N.O.S. (Contains sodium hydroxide and trisodium trinitriloacetate)

14.1 UN No. 1760 I.M.D.G. Page 8417
14.2 Hazardous Class 8
14.3 Packaging Group 111

15.0 REGULATORY INFORMATION

Neat undiluted product is classed as IRRITANT under CHIP regulations.

Risk Phrases:	36/38 - Irritating to eyes and skin.
Safety Phrases:	2 - Keep out of reach of children.
	24/25 - Avoid contact with skin and eyes.
	26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

16.0 OTHER INFORMATION

These data are presented in good faith and are believed to be accurate. However it is for users to satisfy themselves as to the suitability of the product for their use, storage and transportation.

Sources of information used in compilation of this document include manufacturers’
Material Safety Data Sheets and Labels, CHIP Approved Supply lists, Codes of Practice and Guidance Notes.

allendale-ultrasonics.co.uk
+44 (0)1992 450780

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