SAFETY DATA SHEET
ABC 581P SALT REMOVER

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

TRADE NAME	**ABC 581P SALT REMOVER 500-274 (250ml)**

Producer/importer	Mega Electronics Limited
Address	Mega House, Grip Industrial Estate,
	Linton, Cambridge
Country	ENGLAND
Postal code	CB21 4XN
Telephone	+44 (0) 1223 893900
Fax	+44 (0) 1223 893894

2. COMPOSITION/INFORMATION ON INGREDIENTS

No	Ingredient name	EC No.	CAS No.	Conc. (wt%)		Classification
1	Natriumhydroxid	215-185-5	1310-73-2	20-50%		C,35
	Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment					

3. HAZARDS IDENTIFICATION

Corrosive

GENERAL Causes severe burns

4. FIRST AID MEASURES

INHALATION Remove person to fresh air. Rinse mouth and nose with water. Seek medical advice.

SKIN CONTACT Remove contaminated clothing immediately. Flush skin immediately with large amounts of water.

EYE CONTACT Flush with large amounts of water (open eyelids) for at least 15 minutes.

INGESTION Give plenty of water or milk to drink. DO NOT INDUCE VOMITING ! Seek medical advice immediately

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA All types.

FIRE & EXPLOSION HAZARDS Does not burn. May form explosive gases in contact with Trichloroethylene and methylchloride In contact with certain metals generate hydrogen. Risk for explosion.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Use protective equipment and keep unauthorized personnel away.

ENVIRONMENTAL PRECAUTIONS Prevent discharge of significant quantities to drains. Spillage may be pumped up or absorbed with dry, inert material such as sand, earth etc.

METHODS FOR CLEANING UP Mix the chemicals with an inert material (sand, vermiculite, etc) and place in a suitable container. Flush with large amounts of water to clean the area.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS Spillage makes floors and tools slippery

HANDLING ADVISE Use personal protective equipment as specified n section 8. Eyewash facilities and emergency shower must be available at the workplace.

STORAGE Do not store near acids. Containers must be kept tightly closed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ingredient name	Cas nr.	Interval	ppm	mg/m3	Year	Notes
Natriumhydroxid	1310-73-2	15 min.	0,0	2,0	2000	

RESPIRATORY PROTECTION Use respiratory protection if gas/vapour is formed.
EYE PROTECTION Wear goggles or face shield if there is a possibility of eye contact.
HAND PROTECTION Use suitable protective gloves if skin contact is possible.
PROTECTIVE CLOTHING Wear apron & boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solution.		
Colour:	Colourless.		
Odour:	No Characteristic odour		
Solubility:	Completely soluble in water.		
Melting point/range:	ca -10 C	**Density:**	1,3g/cm3
Expl. limit LEL-UEL%:	--	**Solubility in water:**	100%
Vapour pressure:	--	**Saturation conc.:**	--
Decomposition temp.:	--	**Rel. dens. sat. air (air=1):**	--
pH solution:	<7	**Boiling point/range:**	ca 120 C
Flash point:	--	**pH concentrate:**	ca 14
Molar weight:	--	**Viscosity:**	--

10. STABILITY AND REACTIVITY

MATERIALS TO AVOID
Strong basic solution, react with aluminium, lead, tin and zinc with risk for generation of hydrogen gas may form explosive gases in contact with: Trichloroethylene and methylchloride

11. TOXICOLOGICAL INFORMATION

INHALATION Respiratory tract irritation, coughing, breathing difficulties.
SKIN CONTACT Severe skin burns**,** Chemical burns
EYE CONTACT May cause severe eye damage and temporary blindness.
INGESTION Causes burns if swallowed. Causes burning sensation in the mouth, throat and oesophagus. May cause serious permanent damage.

12. ECOLOGICAL INFORMATION

ACCUMULATION Does not bio accumulate.
ECOTOXICITY Discharge to water will increase pH, which may harm fish and other aquatic organisms near the discharge point. pH 9 is toxic for fish. LC 50 48h, fish (Lemponis macrochirus) =99 mg/l
LC50 96h, fish (Gambusia affinis): 125 mg/l

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS Dispose of in compliance with local regulations. Contact supplier for disposal information.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: ☒ Yes ☐ No ☐ N/A

UN No.: 1824 **PROPER SHIPPING NAME** Sodium hydroxide solution
ADR/RID
Class: 8, 42(b) **Packing group:**
Not Translated 8
Hazard Id: 80
IMDG
Class: 8 **Packing group:** II
Sub Risk: **EMS:** 8-06
Marine Pollutant: n
IATA
Class: 8 **Packing group:** II
Sub Risk:
Label:

15. REGULATORY INFORMATION

COMPOSITION: 2-aminoetanol (10%), Secondary alcohol (C12-C14) ethoxylat (5%)
R-PHRASES R34 Causes Burns.
S-PHRASES S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-37/39 Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

INFORMATION SOURCES:
The safety data sheet has been prepared on the basis of information given by raw materials suppliers
ISSUED: 10/12/02 Updated 02/08