



# SAFETY DATA SHEET

## ABC 581P SALT REMOVER

### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

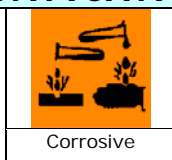
TRADE NAME	ABC 581P SALT REMOVER 500-274 (250ml)
Producer/importer	Mega Electronics Limited
Address	Mega House, Grip Industrial Estate, Linton, Cambridge
Country	ENGLAND
Postal code	CB21 4XN
Telephone	+44 (0) 1223 893900
Fax	+44 (0) 1223 893894

### 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



**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 in 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

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

## 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

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