

# SAFETY DATA SHEET



<b>Product Name:</b>	<b>AL 11</b>	<b>SDS Reference</b>	013
<b>Version No.</b> 1	<b>Revision date</b>	<b>Authorisation date</b>	02-06-2003

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

<b>Product Name</b>	AL 11
<b>Synonym (s)</b>	
<b>Company Identification</b>	<b>Beacon Water Treatments Limited</b> <b>Parsons Hall Industrial Estate</b> <b>High Street</b> <span style="float: right;"><b>Telephone 01933 410066</b></span> <b>Irchester `NN29 7AB</b>
<b>Emergency Telephone</b>	<b>01604 505735</b>

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation**                      AQUEOUS SOLUTION CONTAINING SODIUM SALTS AND ADDITIVES

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
SODIUM HYDROXIDE	1310-73-2	215-185-5	C: R35	1.0 - 2.0%
1,2,3-BENZOTHAZOLE	95-14-7	202-394-1	Xn: R22 Xi: R36/37/38	< 1.0%

## 3. HAZARDS IDENTIFICATION

**Physical & Chemical:** NOT CLASSIFIED



**Health:** IRRITATING TO EYES AND SKIN

**IRRITANT**

**Environmental:** ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO THE ENVIRONMENT

## 4. FIRST AID MEASURES

<b>General information</b>	Remove contaminated clothing immediately, to be disposed of or washed before re-use.
<b>Inhalation</b>	Remove casualty to fresh air and provide warmth and rest; if necessary, seek medical advice
<b>Skin contact</b>	Clean areas of skin affected immediately with soap and plenty of water; if necessary, seek medical advice.
<b>Eye contact</b>	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary (e.g. irritation persists) consult an eye specialist/ophthalmologist.
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. Drink plenty of water and if necessary seek medical advice. .

**5. FIRE FIGHTING MEASURES**

<b>General hazard</b>	THE PRODUCT IS NOT FLAMMABLE
<b>Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)
<b>Extinguishing media not to be used</b>	
<b>Special exposure hazards</b>	Decomposition products released in a fire should be considered as probably harmful if inhaled.
<b>Protective equipment</b>	Wear self-contained breathing apparatus.
<b>Further information</b>	

**6. ACCIDENTAL RELEASE MEASURES**

<b>Methods for cleaning up</b>	Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed.
<b>Environmental considerations</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>Further information</b>	

**7. HANDLING & STORAGE**

<b>Advice on safe handling</b>	Handle in accordance with good hygiene and safety practice. Keep away from incompatible substances
<b>Storage conditions</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry..
<b>Further information</b>	

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure controls</b>	There are no occupational exposure limit values available. LTEL (8 hour TWA):                      ppm                      mg/m <sup>3</sup> STEL (15 min.):                              ppm                      mg/m <sup>3</sup>
<b>Engineering controls</b>	Ensure adequate ventilation of working area. Provide local exhaust ventilation when using large quantities.
<b>Personal protection</b>	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles
<b>Skin protection</b>	Gloves (PVC, Nitrile – also consider your own risk assessment.)
<b>Respiratory protection</b>	Approved respirator if ventilation is insufficient.
<b>Other protection</b>	Protective overall.

**9. PHYSICAL & CHEMICAL PROPERTIES**

Physical form	Liquid
Colour	
Odour	Characteristic
pH	> 12
Boiling pt / range	From 100 °C
Melting pt / range	Not determined.
Flash point	Not applicable °C
Specific gravity	1.10 -1.12
Explosive limits	Lower: % (v/v) Higher: % (v/v)
Viscosity	
Water solubility	Miscible

**10. STABILITY & REACTIVITY**

Stability	Stable under normal conditions of handling.
Thermal decomposition	Not determined.
Conditions to avoid	Not determined.
Material to avoid	Not determined.
Hazardous reactions	None known
Hazardous decomposition products	Not determined.

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity	LD <sub>50</sub> rat (oral)	mg/kg	No data available.
Dermal compatibility	No data available.		
Mucous membrane compatibility	No data available.		
Further information			

**12. ECOLOGICAL INFORMATION**

Acute toxicity	LC <sub>50</sub>	fish	mg/l	No data available.
Degradability	No data available.			
Further information	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.			

**13. DISPOSAL CONSIDERATIONS**

Advice on disposal	In accordance with national and local authority regulations, e.g. controlled waste.
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**13. DISPOSAL CONSIDERATIONS**

**Contaminated packaging** Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

**14. TRANSPORT INFORMATION**

**United Nations number** Not classified for transport.

**Packaging group**

**IMDG code**

**RID / ADR**

**15. REGULATORY INFORMATION**

**Classification & labelling** The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 3)



**IRRITANT**

**Risk phrases** R36/38 IRRITATING TO EYES AND SKIN

**Safety phrases** S25 AVOID CONTACT WITH EYES.  
S26 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.  
S39 WEAR EYE/FACE PROTECTION.

**16. OTHER INFORMATION**

**Further information**

**Risk phrases referred to in section 2**

R22: Harmful if swallowed  
R35: Causes severe burns.  
R36/37/38: Irritating to eyes, respiratory system and skin.

**Sources of data** Other suppliers' safety data sheets, Approved Supply List

**Date of issue** 02-06-2003

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

Data sheet prepared by Rising HS&E Services.