

## SPECIFICATION FOR ALKALI NEUTRALISER



	001/ALN/0.9	001/ALN/3.7	001/ALN/22.7
<b>Appearance</b>	Clear, light yellow powder	Clear, light yellow powder	Clear, light yellow powder
<b>Size</b>	0.9 kg bottle	3.7 kg bottle	22.7 kg tub
<b>Qty per pack</b>	1	4	1
<b>Pack Wt (gross)</b>	0.9 kg	14.8 kg	22.7 kg

Alkali Neutralising Powder quickly and efficiently neutralises most alkali spills. The neutralisation reaction generates harmless products and the residue is environmentally harmless and easily disposed of. For maximum safety, Alkali Neutralising Powder contains a yellow indicator system that will show when the spill is completely neutralised. It is ideal for dilute alkali spills.

<b>Toxicity</b>	Mildly acidic
<b>pH (50% solution)</b>	1.5
<b>Specific Gravity</b>	0.85
<b>Odour</b>	None

**Specification:** One kilogram of Alkali Neutralising Powder will neutralise approximately:  
 1000 ml of sodium hydroxide 50%  
 1200 ml of potassium hydroxide 45%  
 2000 ml of ammonium hydroxide 30%

**Directions for use:** *Spill Response:* Wear appropriate personal protective equipment when treating a spill. If possible, dilute concentrated spills with water before applying Alkali Neutralising Powder to minimize heat build-up. Apply the powder to the spill slowly while mixing in, working from the outside to the centre of the spill. The mixture will become a blue purple colour at first, indicating excess alkalinity. When the alkali strength is significantly reduced the colour will change to a pinkish purple. The mixture will become yellow when sufficient powder is applied to completely neutralise the spill.  
 To remove any residue, use appropriate absorbents and dispose of in accordance with local regulations. For ease of application, prepare a concentrated solution of Alkali Neutralising Powder and keep this solution on hand for treating concentrated alkali spills.

*Process Neutralisation:* Prepare a solution of Alkali Neutralising Powder by dissolving the powder in warm water. Feed into the system as required, using the indicator as a guide to set usage rate.

Revision Date: 07-11-2017

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**Safety Data:**

Wear suitable protective equipment when applying Alkali Neutralising Powder as it contains Citric Acid (irritant).

Refer to our Safety Data Sheet.

Further technical advice is available if required.

**Note:**

All weights, dimensions, and other figures quoted are approximate.

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Spillcare Manufacture

Environmental Services

Liquid Monitoring & Control

Industrial Marine