

SPECIFICATION FOR ACID NEUTRALISER



	001/ACN/1	001/ACN/4	001/ACN/22.7
Appearance	Pink Dust free powder	Pink Dust free powder	Pink Dust free powder
Size	1 kg bottle	4 kg bottle	22.7 kg tub
Qty per pack	1	4	1
Pack Wt (gross)	1 kg	16 kg	22.7 kg

Acid Neutraliser Powder quickly and efficiently neutralises concentrated acid spills. The neutralisation reaction generates harmless gases. The residue is environmentally harmless and easily disposed of. For maximum safety, Acid Neutraliser Powder contains an indicator system that will show when the spill is completely neutralised.

Toxicity	Mildly alkaline
pH (5% solution)	11 - 11.5
Specific Gravity	~1.0
Odour	None

Specification:	One kilogram of Acid Neutraliser Powder will neutralise approximately:
	500 ml of sulphuric acid 96 %
	580 ml of hydrofluoric acid 52%
	670 ml of phosphoric acid 85 %
	950 ml of nitric acid 70 %
	1000 ml of acetic acid 92+%
	1400 ml of hydrochloric acid 32 %
	2000 ml of battery acid (sulphuric acid 30%)

Directions for use:	Wear appropriate personal protective equipment when treating a spill. Apply Acid Neutraliser Powder to the spill slowly while mixing, working from the outside to the centre. The pink colour will disappear at first, but the mixture will turn permanently pink when sufficient powder has been applied to completely neutralise the spill. To remove the residue, use absorbents and dispose of in accordance with local regulations. Note: If possible dilute concentrated acid spills with water before using Acid Neutraliser Powder to minimise heat generation and fuming. Suggested technique is to apply powder at the boundaries of the spill, then add water. Concentrated non-volatile acids (eg: H ₂ SO ₄ 96% or H ₃ PO ₄ 85%) will require dilution with water in order for the neutralisation reaction to proceed to completion as the heat of reaction will desiccate the system.
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Safety Data:

Wear suitable protective equipment when applying Acid Neutraliser Powder as it contains Sodium Carbonate (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