

# VYTAC™ ACX

**VYTAC ACX** powder quickly and efficiently neutralizes concentrated acid spills. The neutralization reaction generates harmless gases. The residue is environmentally harmless and easily disposed of. For maximum safety, **ACX** contains a highly visible indicator system that will show when the spill is completely neutralized.

## SPECIFICATIONS

One kilogram of **VYTAC ACX** will neutralize 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%)  
4000 ml of hydrofluoricsilicic acid 24%

APPEARANCE	Pink, dust-free powder
TOXICITY	Mildly alkaline
pH ( 5% solution )	11 - 11.5
SPECIFIC GRAVITY	~1.0
ODOUR	None

## DIRECTIONS

**Spill Response:** Wear appropriate personal protective equipment when treating a spill. Apply **VYTAC ACX** to the spill slowly while mixing, working from the outside (the inside of any spill containment in place) to the center. The mixture will first appear yellow/orange. The mixture will turn red when sufficient **ACX** has been applied to completely neutralize the spill. To remove the residue, use absorbents or flush into the sewer system, in accordance with local regulations. Note: If possible dilute concentrated acid spills with water before using **ACX** to minimize heat generation and fuming. Suggested technique is to apply **ACX** at the boundaries of the spill, then add water. Concentrated non-volatile acids (eg: H<sub>2</sub>SO<sub>4</sub> 96% or H<sub>3</sub>PO<sub>4</sub> 85%) will require dilution with water in order for the neutralization reaction to proceed to completion as the reaction desiccates the system. Alternatively, the desiccated/immobilized acid can be collected and

placed in **open** containers and the neutralization completed in a more convenient location.

**Decontamination:** Prepare a 1% solution of **ACX** (200 gm/20 L) and spray on acid contaminated surfaces Rinse well.

**CAUTION:** Wear suitable protective equipment when applying **ACX**.

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