

VYTAC™ CS

POWDER

VYTAC CS is a concentrated neutralizer for liquid caustic spills. **CS** will effectively neutralize most alkali materials quickly. The reaction products are environmentally safe and can be flushed into the standard drainage system. For maximum safety, **CS** contains an indicator system that will show when the spill is completely neutralized and has a yellow colour so as to indicate treated areas. **CS** powder is ideal for dilute alkali spills.

SPECIFICATIONS

One kilogram of **VYTAC CS** will neutralize approximately:

1000 ml of sodium hydroxide 50%
1200 ml of potassium hydroxide 45%
2000 ml of ammonium hydroxide 30%
APPEARANCE Clear light yellow powder
ACTIVITY 100%
TOXICITY Mildly acidic
pH (50% solution) 1.5
SPECIFIC GRAVITY .85
ODOUR None

DIRECTIONS

Spill Response: If possible, dilute concentrated spills with water before applying **CS** to minimize heat buildup. Apply **CS** to the spill slowly while mixing in, working from the outside to the center 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 **CS** is applied to completely neutralize the spill. To remove any residue, use appropriate absorbents or flush into the sewer system in accordance with local regulations. For ease of application, prepare a concentrated solution of **CS** and keep this solution on hand for treating concentrated alkali spills.

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

CAUTION: Wear suitable protective equipment when applying **VYTAC CS**. **Do not use to neutralize solutions of Sodium Hypochlorite.**