

**NOCHAR'S A660
ACID BOND
FACT SHEET**

APPLICATION:

Dry powder material for immobilizing and solidify aqueous based liquids in bulk or spills. As a spill response media, the product is suitable to bond or congeal a liquid spill to slow or stop the spread of the liquid.

A660 will solidify liquids with a pH range of 0-14+ without prior neutralization.

RECOMMENDED APPLICATION RATE:

The amount of product to be used is dependent upon the type of liquid to be solidified and on the desired results. The application rate may vary from those tested due to viscosity, temperature, and concentration. The application ratio of liquid-to-product can be controlled to produce treated waste in the form of gel to dry solid mass depending upon the desired physical appearance.

SPECIFIC WEIGHT:

.80

WEIGHT BY VOLUME:

One (1) pound equals 35 cubic inches.

PARTICLE SIZE:

.3 to 1MM

PH SPECIFICATIONS:

Neutral

TOXICITY:

This product is non-toxic, non-hazardous, non-corrosive; see MATERIAL SAFETY DATA SHEET. **(NOT MEANT FOR HUMAN CONSUMPTION)**

FLOWABILITY:

Product has excellent flowability due to uniform particle size and bulk density. The product can be moved by most mechanical off-the-shelf material handling technology (agricultural or chemical industries).

TYPES OF MATERIAL TO BE TREATED:

Before application, user should bench scale test applicability of product in small samples of the liquid to determine the suitability and / or application rate needed.

STORAGE SPECIFICATIONS:

Keep free of contamination. Keep container sealed to avoid contamination and contact with moisture.

VOLATILITY BEFORE USE:

None

VOLATILITY AFTER USE:

Varies with the flammability of the liquid being bonded.

TESTING REFERENCES:

The product has been field tested and demonstrated on various flammable and hazardous liquid chemicals. Information is available upon request.

PACKAGING:

The product may be packaged in assorted sizes and containers depending on the desire or need of the user. Standard packaging is 40-pound pails, 350-pound drums, up to 2000-pound super sacks.

METHOD OF DISPOSAL:

EXTREME CAUTION must be exercised when handling, storing and disposing of solidified or gelled hazardous materials. **COMPLIANCE:** Solidified or gelled materials must be disposed of in accordance with federal, state and local laws and regulations. The user is solely responsible for compliance with disposal laws and regulations: The manufacturer or seller assumes no responsibility for the proper or improper disposal of solidified or gelled material.

PERFORMANCE CHARACTERISTICS AND BENEFITS:

This product is non-hazardous. A660 has been used in nuclear facilities to solidify liquids of varying pH and radionuclide concentration. The product has been extensively used at Rocky Flats to solidify TRU liquids and has been assigned various TRUCON codes.

A660 is also used to control spills of an aqueous nature. Spread evenly on the surface of a spill. Allow solidification process to occur and then remove as conditions permit.