PIG Base Encapsulating and Neutralizing Absorbents

General Guidelines

1. Wear appropriate personal protective equipment (PPE) prior to responding to the spill.
2. The absorbent contained in the PIG Base Encapsulating & Neutralizing Mat Pad will absorb more liquid than the volume of the absorbent, causing it to expand in volume during neutralization.
3. **Mats –** Can be placed directly on the spilled liquid for immediate response.

   Socks/Pillows – Make sure the filler contained in socks and pillows is evenly distributed before placing the absorbent on the spill. If the filler bunches inside the absorbent at one end, it will still function, but it will take longer to absorb and neutralize the spill.

   Loose – Sprinkle in a circle around the spill to contain and begin to absorb and neutralize the base. Working from the outside inward, gently pour the loose absorbent onto the rest of the spilled base until it is completely covered.
4. Absorbents contain a color indicator that identifies the concentration of base in the spill and monitors the progression of the neutralization:

   BLUE: Highly caustic (normally only seen with the most concentrated caustics)

   YELLOW: Slightly caustic

   ORANGE: Non-caustic
5. If the blue color remains evident, carefully add small quantities of water to the absorbent. Mix thoroughly until a constant, uniform orange color is evident.
6. Neutralization will generate some heat and gas emissions. Amounts will vary depending on the chemical concentration, volume/size and location of spill. Rise in temperature will be less when surface area is larger.

Caution: Avoid contact with metallic nitrates, cyanides, sulfides and strong oxidizers. Contact with sodium or calcium hypochlorite creates chlorine gas.

Note: Store products in a cool, dry and well-ventilated area, away from moisture.

Disposal Notice: Dispose of materials in compliance with local, state, federal or country regulations.

For additional questions or information, contact New Pig Technical Services at 1-800-HOT-HOGS (468-4647).

PIG Base Encapsulating & Neutralizing Absorbent Ratios

		Loose Absorbents						Pillows & Socks		Mat Pads	
		2 lb. Shaker Bottle		8 lb. Container		40 lb. Container					
	% Concentration	Ounce	Gallon	Ounce	Gallon	Ounce	Gallon	Ounce	Gallon	Ounce	Gallon
Ammonium Hydroxide	60%	25.600	0.200	102.400	0.799	512.000	3.993	19.200	0.150	0.704	0.005
	42%	76.640	0.598	306.560	2.390	1532.800	11.951	57.480	0.448	2.108	0.016
	20%	30.720	0.240	122.880	0.958	614.400	4.791	23.040	0.180	0.845	0.007
	10%	51.200	0.399	204.800	1.597	1024.000	7.985	38.400	0.299	1.408	0.011
Potassium Hydroxide	50%	102.240	0.797	408.960	3.189	2044.800	15.945	76.680	0.598	2.812	0.022
	40%	20.480	0.160	81.920	0.639	409.600	3.194	15.360	0.120	0.563	0.004
	20%	30.720	0.240	122.880	0.958	614.400	4.791	23.040	0.180	0.845	0.007
	10%	51.200	0.399	204.800	1.597	1024.000	7.985	38.400	0.299	1.408	0.011
Sodium Hydroxide	10%	27.840	0.217	111.360	0.868	556.800	4.342	20.880	0.163	0.766	0.006