



Spilfyter Product Data Sheet



PRODUCT CODE: 450010

RANGE: N/A

PRODUCT TYPE: Dry Base Neutralizer
4.5kg Bag

COMPONENTS: N/A

WEIGHT (KG): 4.99

ADSORBENCY (LITERS): N/A

PACKAGING: Box

LITERS/M3: 0.08

PALLET QTY: 144

FEATURES AND BENEFITS: Features KOLOR-SAFE® color change process – thereby indicating when the base has been neutralized and is safe for final cleanup. Dry formula is concentrated and thereby has approximately twice the neutralizing capacity versus a liquid neutralizer.



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Chemical	Concentration		Volume (900g Neutralizes)		Aprox. Amount Required to Handle 1 gal. (3.78L) Acid Spill	
	% by Wt	Molarity	Pints	Liters	Lbs	Kg
Ammonium Hydroxide (NH ₄ OH)	61.7 (30% NH ₄)	14.8	2.0	0.95	8.0	3.6
	42.2 (20% NH ₃)	9.8	3.04	1.44	5.3	2.4
	20.6 (10% NH ₃)	4.9	6.08	2.88	2.6	1.2
	10.3 (5% NH ₃)	2.4	12.46	5.90	1.3	0.6
Potassium Hydroxide (KOH)	50	13.4	2.1	1.05	7.2	3.3
	40	10.7	2.78	1.32	5.6	2.6
	20	5.3	5.64	2.67	2.8	1.3
	10	2.6	11.49	5.44	1.4	0.6
Sodium Hydroxide (NaOH)	50	19.2	1.54	0.73	10.40	4.7
	40	15.3	1.94	0.92	8.30	3.8
	30	11.5	2.94	1.23	6.20	2.8
	10	3.8	7.86	3.72	2.0	0.9

HOW TO USE KOLOR-SAFE® DRY BASE NEUTRALIZERS:

1. Evacuate employees from the spill area.
2. Wear personal protective equipment compatible with chemicals involved.
3. Ventilate the contaminated area.
4. Contain the spill with universal sorbent material.
5. Slowly sprinkle or pour the base neutralizer on the spilled caustic.
CAUTION: Some HEAT or GASSING OUT may be generated.
6. The color change indicator changes from PURPLE to BLUE during neutralization. Color change must occur.
7. Apply dry base neutralizer until the color change indicator first turns a yellowish color. Do Not Over-Neutralize. NOTE: Very concentrated solutions will yield solid precipitates before the color change.
8. Allow neutralized liquid to cool.
9. Soak up remaining neutralized liquid with sorbent materials.
10. Place used sorbents into temporary disposal bags.
11. Wipe up residue with non-woven cloth material.
12. Dispose of all used articles (sorbents, neutralized liquid, etc.) according to local, state and federal regulations.

NOTE: Depending on the extent of the clean-up process, additional equipment may be required.

CAUTION: Do not use KOLORSAFE® Dry Base Neutralizer on any solution containing (in any form) metallic nitrates, cyanides, sulfides, strong oxidizers, or hypochlorite (i.e. sodium/calcium) solutions since dangerous gases will be generated.

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