



# Spilfyter Product Data Sheet



**PRODUCT CODE:** 440010

**RANGE:** N/A

**PRODUCT TYPE:** Dry Acid 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 acid 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. Dry neutralizer is also available in a hydrofluoric acid formula.



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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
Sulfuric (H <sub>2</sub> SO <sub>4</sub> )	98	18.0	0.99	0.47	16.10	7.3
	50	9.2	1.96	0.93	8.10	3.7
	10	1.8	10.03	4.75	1.60	0.7
Nitric (HNO <sub>3</sub> )	68	15.8	2.28	1.08	7.00	3.2
	40	9.3	3.88	1.84	4.10	1.9
	10	2.3	15.72	7.44	1.00	0.5
Acetic (CH <sub>3</sub> COOH)	100	17.5	2.04	0.97	7.80	3.6
	78	13.7	2.62	1.24	6.10	2.8
	40	7.0	5.15	2.44	3.10	1.40
Phosphoric (H <sub>3</sub> PO <sub>4</sub> )	85	14.6	0.82	0.39	19.40	8.8
	40	6.9	1.73	0.82	9.20	4.2
	10	1.7	7.07	3.35	2.30	1.0
Hydrochloric	40	12.0	3.00	1.42	5.30	2.4
	20	6.0	6.02	2.85	2.70	1.2
	10	3.0	12.04	5.70	1.30	0.6

#### HOW TO USE KOLOR-SAFE® DRY ACID 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 acid neutralizer on the spilled acid.
6. CAUTION: Some HEAT or GASSING OUT may be generated.
7. The color change indicator changes from LIGHT PURPLE to YELLOW during neutralization. Color change must occur.
8. Apply dry acid neutralizer until the color change indicator first turns a purplish color (Orangish-pink with Phosphoric acid). Do Not Over-Neutralize. NOTE: Very concentrated solutions will yield solid precipitates before the color change.
9. Allow neutralized liquid to cool. Then soak up remaining neutralized liquid with sorbent materials and place used sorbents into temporary disposal containers.
10. Wipe up residue with non-woven cloth material.
11. 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 Acid Neutralizer on any solution containing (in any form) hydrofluoric acid or hydrazine.



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