



**Great Salt Lake
Minerals Corporation**
A Compass Minerals Company

765 North 10500 West, Ogden, Utah 84404

SULFATE OF POTASH INDUSTRIAL FINES 0-0-50 SOP

(Typical SGN 28, Typical UI 12)

PARTICLE SIZE DISTRIBUTION			
TYLER MESH	OPENING (millimeters)	TYPICAL RANGE (% Cum.)	TYPICAL (% Cum.)
28	0.589	0-60	24
48	0.30	24-89	49
65	0.212	30-90	60
100	0.15	40-95	70
150	0.106	50-98	84

PHYSICAL PROPERTIES	
	TYPICAL
Bulk Density, loose	
• lb/cu foot	96
• kg/cu meter	1550
Angle of Repose	35°

SOLUBILITY	
0.8 lb/gal	50° F (13° C)
0.9 lb/gal	68° F (19° C)
1.0 lb/gal	77° F (25° C)

CHEMICAL ANALYSIS			
Component	Symbol	Typical (%)	Guarantee (%)
Potassium Oxide Equivalent (Soluble Potash)	K ₂ O	52.3	50.0 (min.)
Sulfur	S	17.8	17.0 (min.)
Sulfate	SO ₄	53.3	
Chloride	Cl	0.4	0.8 (max.)
Magnesium	Mg	0.4	
Moisture (105°C)	H ₂ O	0.1	
pH (5 % Solution)	pH	8.0	
Water Insolubles	--	0.8	

Product analyses are typical. Handling and transportation may affect the analysis of the delivered product.

INDUSTRIAL FINES SOP is suitable for blends typically used by the turf and ornamental markets.

INDUSTRIAL FINES SOP is produced naturally near Ogden, Utah and available in 50 pound bags, 2,000 pound bags, and in bulk via truck & rail.

PRODUCTION PLANT

765 North 10500 West
Ogden, Utah 84404
(801) 731-3100 Fax (801) 731-4881

ORDERING

1-800-551-8216
Fax (801) 732-3373

GENERAL OFFICE

9900 West 109th Street - Suite 600
Overland Park, Kansas 66210
(913) 344-9300 Fax (913) 338-7906

updated 07/10