



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

SULFATE OF POTASH STANDARD FINES ORGANIC 0-0-50 SOP

(Typical SGN 28 / UI 12)

**GREAT SALT LAKE MINERALS
CORPORATION**

765 North 10500 West, Ogden, Utah 84404

PARTICLE SIZE DISTRIBUTION

TYLER MESH	U.S. MESH	OPENING (millimeters)	TYPICAL RANGE (% Cum.)	TYPICAL (% Cum.)
48	50	0.30	24-89	49
65	70	0.212	30-90	60
100	100	0.15	40-95	70
150	140	0.106	50-98	84

PHYSICAL PROPERTIES

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

SOLUBILITY

0.7 lb SOP / gal	50° F (10° C)
0.9 lb SOP / gal	68° F (20° C)
1.0 lb SOP / 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.

STANDARD FINES SOP is used for N-P-K ammoniation, N-P-K granulation, and direct field application. It is also used to produce suspensions and to prepare solutions that will either be decanted or filtered.

INDUSTRIAL FINES SOP is sugar-fine crystalline SOP used in gypsum wallboard, fire brick, water softening, well drilling, lubrication, and ceramics.

SOP STANDARD FINES / INDUSTRIAL FINES are produced naturally near Ogden, Utah and available in 50 pound bags, 2,000 pound bags, and bulk via truck & rail. Great Salt Minerals Corporation does not use animal manure or any form of waste in the production of SOP

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 W109th Street
Overland Park, Kansas 66210
(913) 344-9300 Fax (913) 338-7906

