

Saskatchewan Mining and Minerals Inc.

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ANYHYDROUS SODIUM SULPHATE

DETERGENT GRADE PRODUCT INFORMATION SHEET WITH TRACE CONSTITUENTS

Meets FCC and Kosher Requirements

Effective: January 1, 2024

NOTE: The chemical, screen, physical (non-generic) and nutritional data are average values for the 2023 production and are not to be construed as guarantees. Individual shipments may be subject to normal variation from the typical.

AVERAGE CHEM	IICAL ANALY	SIS:	PHYSICAL DATA:			
Sodium Sulphate		.*Na2S04	99.32%	Appearance White Granular Powder		
Calcium Sulphate		.CaS04	0.06%	Specific Gravity2.7		
Magnesium Sulph	nate	MgS04	0.34%	Melting Point882°C		
Sodium CarbonateNa2C03		0.00%	pH of Solution6.25 @ 1% by weight 6.80 @ 5% by weight			
Sodium BicarbonateNaHC03					0.04%	
Sodium ChlorideNaCl			0.23%	7.52 @ 10% by weight		
Water Insolubles			0.01%	Bulk Density		
*Minimum 99.0% by D	ifference			Solubility @ 20°C15.9% by weight		
				Reflectance		
TYPICAL TRACE CONSTITUENTS:			0.0000/	Angle of Repose32°		
Moisture			0.022%			
Iron		.Fe in ppm	2.929	NUTRITION DATA:		
AVERAGE SCREEN ANALYSIS:				Sodium		
U.S. Screen	Percent	Percent		Sulphur		
Sieve Size	of Total	Cumulative		Magnesium0.069%		
+ 20	0.2%	0.2%		Calcium		
- 20 + 40	0.9%	1.1%		MICCELL ANEQUE.		
- 40 + 60	7.5%	8.6%		MISCELLANEOUS:		
- 60 + 100	31.7%	40.3%		Packaging50 pound bags and supersacks Bulk Shipments bulk hopper railcars		

MATERIAL DATA:

-100 + 200

- 200

Chemical NameAnhydrous Sodium Sulphate Chemical FormulaNa2S04
Molecular Weight......142.04
CAS Number7757-82-6

86.8%

100.0%

46.5%

13.2%

Troution

ISO 9001:2015......Certified QMS - Intertek SAI Global

The listed information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make sure their own investigation to determine the suitability of the information for their particular purpose.

Please contact us regarding any questions you may have concerning this information, or regarding any other data not detailed in this publication.

Information concerning the handling and use of this product is provided in the Safety Data Sheet (SDS) available by contacting SASKATCHEWAN MINING AND MINERALS INC. The SDS must be fully read and understood prior to any exposure, handling or use of the product.

		TRACE CONSTITUENTS - Ch		
ELEMENT S	YMBOL	TEST METHOD	CONCENTRATIONS (ppm or ug/g)	
ALUMINUM	Al	ICP-AES	2.6	TOTAL
ANTIMONY	Sb	ICP-MS	<0.2	TOTAL
ARSENIC	As	ICP- AES	<0.5	TOTAL
BORON	В	ICP-AES	1.4	TOTAL
BROMIDE	Br	ICP-AES	<5	TOTAL
CADMIUM	Cd	ICP-AES	<0.001	INSOLS
CADMIUM	Cd	ICP-AES	0.002	SOLUBLE
CHROMIUM	Cr	ICP-AES	0.050	INSOLS
CHROMIUM	Cr	ICP-AES	0.013	SOLUBLE
COBALT	Со	ICP-AES	0.002	INSOLS
COBALT	Со	ICP-AES	0.002	SOLUBLE
COPPER	Cu	ICP-AES	0.006	INSOLS
COPPER	Cu	ICP-AES	0.006	SOLUBLE
IRON	Fe	ICP-AES	2.86	INSOLS
IRON	Fe	ICP-AES	0.069	SOLUBLE
LEAD	Pb	ICP-AES	0.005	INSOLS
LEAD	Pb	ICP-AES	0.003	SOLUBLE
MANGANESE	Mn	ICP-AES	0.2	TOTAL
MERGURY	Hg	AA	<0.002	TOTAL
NICKEL	Ni	ICP-AES	0.027	INSOLS
NICKEL	Ni	ICP-AES	0.012	SOLUBLE
PHOSPHORUS	Р	ICP-AES	<1	TOTAL
PLATINUM	Pt	ICP-AES	<0.2	TOTAL
POTASSIUM	K	ICP-AES	150	
SELENIUM	Se	ICP-AES	<0.5	TOTAL
SILICON	SI	GRAVIMETRIC	<30	INSOLS
TELLERIUM	Te	ICP-MS	<0.5	TOTAL
ZINC	Zn	ICP-AES	0.021	INSOLS
ZINC	Zn	ICP-AES	0.012	SOLUBLE

- AA TEST METHOD- Atomic absorption.
- ICP-AES TEST METHOD Inductively coupled plasma atomic emissions spectroscopy.
- ICP-MS TEST METHOD Inductively coupled plasma mass spectroscopy
- <0.001 denotes concentrations below the confident detection limits of the test used.
- PPM and UG/G are equivalent measurements.
- The above results were obtained for a single typical sample. Concentrations for individual shipments may vary from the above.