



Technical Data Sheet

MONTANAL®

Date of printing 24/04/2008

Chemical and physical data:	typical	w
• KCl	29	%
• NaCl	68	%
• Accessory salts	3	%
• Moisture content (H ₂ O) on departure from the plant	< 1.0	%

MONTANAL is offered with a fluorspar-content (CaF₂) of 0%, 2%, 4% or 6% under the labels of MONTANAL "0", MONTANAL "2", MONTANAL "4" or MONTANAL "6".

Melting point: approx. 720°C

Grain size distribution:	typical	w
• > 4.000 mm	4	%
• 4.000 mm > x > 3.150 mm	3	%
• 3.150 mm > x > 2.000 mm	9	%
• 2.000 mm > x > 1.600 mm	6	%
• 1.600 mm > x > 0.500 mm	34	%
• < 0.500 mm	44	%
• d ₅₀ =	0.56	mm

Storage:

- Bulk density: approx. 1,315 kg/m³
- Vibration density: approx. 1,523 kg/m³

Store in a dry place and protect against moisture. If stored loose, it is best to coat the floor and walls with bitum paint. Iron girders and supports should be given an anti-corrosion protective coating. Walls and trusses made of wood have proven to be particularly resistant. For protection against high humidity, it is recommended to cover with plastic sheeting.

Application:

MONTANAL is mainly used as covering salt in the production of aluminium from aluminium-containing scrap.

The above information is the result of our quality inspection and testing. It does not release the user from the requirement to carry out receiving inspection and testing, nor does it mean that the properties stated constitute a binding assurance or guarantee. It is the user's responsibility to check the suitability of the product for the specific application.

K+S Entsorgung GmbH

Post box 10 20 29, D-34111 Kassel, Germany
Tel.: +49 (0)561-9301-1823, Fax: -1843
www.ks-entsorgung.com