



Solvay Fluorides

Na_3AlF_6 Cryolite, synth. powder

Physical Properties

values from literature

Molecular weight: 209.94

Appearance: white powder

Density (20 °C): 2.95 g/cm³

Bulk density: 600–1000 g/l

Melting point: 1027 °C

Solubility in water (20 °C): 0.42 g/l

pH-value saturated solution: approx. 6

Typical Analysis

Na	30–32	%
Al	12–13.5	%
F	min. 53.0	%
Fe	max. 0.03	%
SO ₄	max. 0.5	%
SiO ₂	max. 0.25	%
P ₂ O ₅	max. 0.03	%
Cl	max. 0.1	%
Pb	max. 0.0005	%
LOH	max. 2.0	%

Classifications

CAS-No.: 15096-52-3

UN-No.: not subject according to M 80

HS-No.: 28.26.30.000

EEC-Labeling: T = toxic
N = dangerous
for the environment

Safety precautions and additional information please see in material safety data sheet.

Further specifications on request.

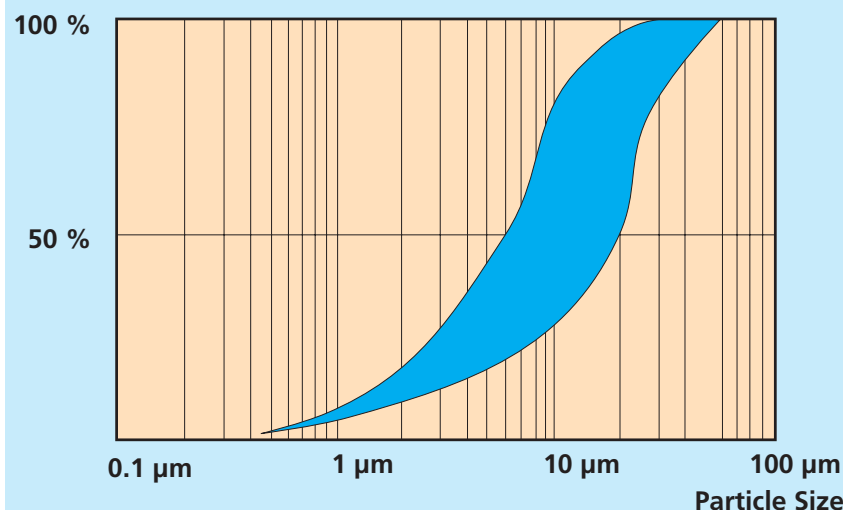
MANAGEMENTSYSTEM



DQS-zertifiziert nach
DIN EN ISO 9001 Reg.-No. 69114
DIN EN ISO 14001 Reg.-No. 62645



Distribution



Applications

- **Aluminum-metallurgy:**
 - as component in fluxing agents, protective and refining salts
- **Production of abrasives:**
 - as active filter in resinbonded abrasives for metal treatment
- **Metal surface treatment:**
 - as component in pickling pastes for stainless steel
- **Glass-opacifier:**
 - as turbidity agent

Packaging

Multiple paper bags with inner PE bags 25 kg and Big Bags 1000 kg net weight.

Storage

Keep product dry and well in original packaging, closed.

Solvay Fluor und Derivate GmbH
Hans-Böckler-Allee 20
D-30173 Hannover
Phone: +49 511 857-0
Fax: +49 511 857-2146
www.solvay-fluor.com

Solvay
Fluor und Derivate



Solvay Fluorides Inc. · 1630 Des Peres Rd. · Suite 305 · St. Louis Mo 63131
All statements, information, and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated, or that other measures may not be required.