

# CsAlF-Complex

Cesium fluoroaluminates

$Cs_{1-3}AlF_{4-6}$

CAS No.: 138577-01-2

## Physical Properties

Appearance: white powder

Density (20 °C): 3.86 g/cm<sup>3</sup>

Bulk density: 800 – 1200 g/l

Melting range: 420 – 480°C

Solubility  
in water (20 °C): approx. 80 g/l

## Typical Analysis (Specification)

Cs	54–58	%
Al	8–12	%
F	28–33	%
LOH	max. 3.5	%

## Packaging

Fibre drum with inner PE bag.  
40 kg net weight.

Fibre drum with inner PE bag.  
50 kg net weight.

Metal drum with inner PE bag.  
135 kg net weight.

## Classification

CAS No.: 138577-01-2

Non-hazardous according  
to current regulations.

HS No.: 38109090

EEC-Labeling Symbol:

Xn

R: 41, 48/22, 52/53

S: 22, 26, 36/37/39, 61

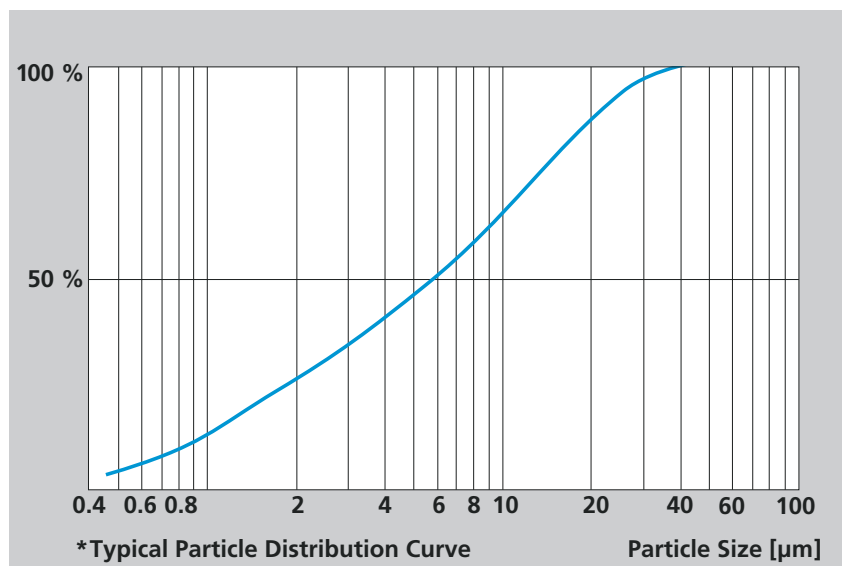
Safety recommendations and  
additional information can be  
found in the Material Safety Data  
Sheet (MSDS).

## Application

### Brazing agent:

- Flux for brazing aluminum
- Particularly suitable for flame  
brazing of magnesium-  
containing aluminum alloys  
(e.g., AA 6063) with  
ZnAl-filler alloy (e.g., ZnAl15).

## Particle Size Distribution\* 50 % (cumulated curve) 3–8 µm



NOCOLOK is registered trademark of  
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