

melclorite

MELSPRING TECHNICAL INFORMATION SHEET

MELCLORITE 70/G

Chemical name : Calcium hypochlorite, hydrated

Molecular formula : CaCl_2O_2

CAS number : 7778-54-3

Molecular weight : 143

Specifications :

appearance	:	white solid granules
available chlorine	:	min. 70 % (typical 73.5 %)
pH	:	abt. 11.6 (aqueous sol. of 1 %)
solubility	:	abt. 20 g/100 g H_2O of 20 °C
H_2O	:	abt. 12.5 %
decomposition temp.	:	abt. 175 °C
bulk density	:	abt. 1 g/cm ³

Typical Analysis :

$\text{Ca}(\text{ClO})_2$:	74.1 % (available chlorine: 73.5 %)
NaCl	:	9.0 %
CaCl_2	:	1.2 %
$\text{Ca}(\text{ClO}_3)_2$:	0.6 %
$\text{Ca}(\text{OH})_2$:	1.8 %
H_2O	:	13.2 %
CaCO_3	:	0.1 %

Screen characteristics (typical values) :

1410 micron on	:	13.7 %
1410 -149 micron	:	85.8 %
149 micron passes	:	0.5 %

As for the product's dangerous properties, the classification, the manipulation and storage we refer to the material safety data sheet.

All information concerning our product is supplied to the best of our knowledge and believed to be reliable. However, any recommendation or suggesting appearing herein is made without warranty or guarantee since use by third parties is beyond our control. It remains the user's responsibility to determine the safety, toxicity and suitability for his own use. Furthermore, nothing contained herein shall be construed as a suggestion to use the product in violation with existing patents, concerning a product or its use.