

SAFEKlinik®

BICARmed® sodium bicarbonate
RMD cleaning



TECHNICAL DATA SHEET

DESCRIPTION

SAFEKlinic[®] is a specific pure synthetic sodium bicarbonate based blast media, to be used with SAFE Cleanbox equipments.

The gentle physical and chemical actions allow treating of many kind of supports, including iron steel, aluminum, fiber glass and many others.

SAFEKlinic[®] is an environmental-friendly product, non toxic and non hazardous for the operator.

The particular specification of the product provides efficient and smooth blasting operations.



APPLICATIONS

Suitable for the following applications:

- Cleaning for surgery tools, medical devices and many other technical tools.
- Removal of organic materials, biofilm, glue, cement and stucco residues.
- Degreasing and removal of contaminated and various coatings.



DESCRIPTION

PRODUCT DESCRIPTION

Crystalline, white odorless powder

CAS number	144-55-8
EC number (EINECS)	205-633-8
ID number (Annex I)	-
EC classification	-
Chemical formula	NaHCO ₃
Molecular weight	84
Mohs hardness	2,5 – 3

CHEMICAL AND PHYSICAL PROPERTIES

Density in Kg/dm ³	2,218
pH (5 g/100 ml solution)	< 8,6
Solubility in water at 20°C in g/1000 g (endothermic)	96
Solubility in alcohol	Insolubile
Free flowing density in kg/dm ³	0,8 – 1,3
Total alkalinity, expressed in NaHCO ₃	> 98%

GRANULOMETRY CUMULATIVE VALUES

< 500 µm (35 Mesh)	≥ 90%
< 250 µm (60 Mesh)	< 20%
< 160 µm (100 Mesh)	< 1,5%

PACKAGING - STORAGE

Packaging	6 Kg PET bottles
Storage	Store in a dry and cool place

This product is not subject to the dangerous goods transport regulations (ADR-RID)