



# ENOCRISTAL SUPERATTIVO

## MATERIAL SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Substance

Chemical Name

Commercial Names and Synonyms Enocrystal Superattivo

Chemical Abstract Nomenclature

# Uses Crystallizing agent of cream of tartar

Company Tel. +39-0321-790-300 (please see bottom of the page)

# Emergency service Niguarda Hospital tel. +39-02-6610-1029

### 2 - COMPOSITION / INFORMATION ON INGREDIENTS

- **General description of the components, relative concentrations and risks**

Chemical name	N° CAS	N°EINECS	Conc/Range %	Classification	
				Symbols	R phrases
Potassium bitartrate	868-14-14	212-769-1	35		
Potassium tartrate	6100-19-2	213-067-8	30,1		
Perlite	93763-70-3		30		
Potassium metabisulphite	16731-55-8	240-795-3	4,9	Xi	R31 R37(>20%) R41(>10%)

### 3 – HAZARDS IDENTIFICATION

Not dangerous classified substance according to official current regulations.

Health risks None

Environmental risks If discharged into surface water, the product can cause oxygen reduction with negative consequences on living organisms

Physical and chemical hazards Uninflammable product. Low risk.  
Fire and explosion In case of a nearby fire, it can release sulphur dioxide (SO<sub>2</sub>), a toxic gas

### 4 – FIRST AID MEASURES

Inhalation Move th einjured person to open air. Let drink water to clean the throat, let blow the nose to remove dust

Skin contact Wash abundantly with water

Eyes contact Wash immediately with water for at least 15 minutes

Ingestion Let ingest water

Product: Enocrystal Superattivo  
Sheet code: ENOCR(0504)E4

Revision n° 4  
Updatings: #

Date of issue: 31/05/04  
page 1/4

# MATERIAL SAFETY DATA SHEET



## 5 – FIRE-FIGHTING MEASURES

Advised extinguishing agents	Use the most suitable equipment according to the substances involved in the fire
Extinguishing agents to be avoided	None
Dangers caused by combustion matters	Sulphur dioxide
Protection measures in case of intervention	Breathing apparatus
Additional information	Unflammable

## 6 – ACCIDENTAL RELEASES MEASURES

Collection and disposal methods	Collect mechanically in suitable containers and prevent dust formation. Wash out residual matters with water
Personal-related safety precautions	Use filter mask
Environmental protection	Prevent the introduction of the product within the sewage system or canals

## 7 – HANDLING AND STORAGE

Handling	Prevent dust formation
Storage	Store in a dry, cool and well-ventilated place. Keep in closed containers. Do not store near oxidants, acids or products that can release acids

## 8 – PERSONAL PROTECTION / EXPOSURE CONTROL

Respiratory protection	Anti-dust mask
Skin protection	
Hand protection	Safety gloves in plastic
Eyes protection	Safety goggles with side screen – Do not wear contact lenses
Exposure limits	TLV - TWA: unknown (5 mg/m <sup>3</sup> with reference to SO <sub>2</sub> ) (ACGIH 1993-94)

Product: Enocrystal Superattivo  
Sheet code: ENOCR(0504)E4

Revision n° 4  
Updatings: #

Date of issue: 31/05/04  
page 2/4

# MATERIAL SAFETY DATA SHEET



## 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	physical state	Amorphous powder
	colour	White
	smell	Slight of sulphur dioxide
Melting point		
Boiling point		
Density		
Solubility in water		
Flash point		
Inflammability limits (vol % in air)		Uninflammable
Autoignition temperature		
pH		
Coefficient of division n-octanol/water		

## 10 – STABILITY AND REACTIVITY

Conditions to be avoided	Violent warming (decomposition starts at 150 °C with SO <sub>2</sub> release)
Products to be avoided	Acids, oxidants, fluorite
Hazardous decomposition products	Sulphur dioxide

## 11 – TOXICOLOGICAL INFORMATION

Penetration ways	Inhalation yes Ingestion unlikely event Contact yes
Acute toxicity	LD50 (oral, rat): 2300 mg/kg (ref. potassium metabisulphite)
Inhalation consequences	None
Ingestion consequences	
Skin local effects	Irritation
Eyes local effects	Irritation
Additional information	

## 12 – ECOLOGICAL INFORMATION

Not available.

## 13 – DISPOSAL CONSIDERATIONS

Product	Discard residual matters according to local current regulations
Contaminated packages	Empty the package, unfold it completely and dispose of it according to the material

# MATERIAL SAFETY DATA SHEET



## 14 – TRANSPORT INFORMATION

Product non subject to ADR/RID, IMO and IATA regulations, related to road, sea and airway transport of dangerous goods.

## 15 – REGULATORY INFORMATION

EC labelling	[ ]	Required by the law
	[ ]	Temporary
# Classification	[ X ]	Not required

## 16 – OTHER INFORMATION

Hazard symbol  
# Risk phrases

Safety phrases

This material safety data sheet has been issued in accordance with 2001/58/CE.

Before starting the use of this product for any new process or experiment, it must be carried out a deep study on the safety and the compatibility of the product itself with materials it could come in contact with.

The information contained in this safety data sheet is given to protect health and safety at work.  
No responsibility is taken for possible damages arising from uses of this information for different purposes from the ones here indicated.

Product: Enocrystal Superattivo  
Sheet code: ENOCR(0504)E4

Revision n° 4  
Updatings: #

Date of issue: 31/05/04  
page 4/4