



# CLAROMIX 02

## MATERIAL SAFETY DATA SHEET

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

Substance

Chemical Name

Commercial Names and Claromix 02

Synonyms

Chemical Abstract Nomenclature

# Uses

Deacidifier

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
Calcium carbonate	471-34-1	207-439-9	95		
Potassium bitartrate	868-14-14	212-769-1	5		

### 3 – HAZARDS IDENTIFICATION

Not dangerous classified substance according to official current regulations.

Health risks None

Environmental risks None

Physical and chemical hazards None  
Fire and explosion

### 4 – FIRST AID MEASURES

Inhalation Move to open air. In case of diseases seek medical advice

Skin contact Wash involved parts with water and soap. Usually not irritant

Eyes contact Wash abundantly with water for some minutes; if the pain persists seek medical advice

Ingestion Rinse the mouth without swallowing

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## 5 – FIRE-FIGHTING MEASURES

Advised extinguishing agents Carbon dioxide, chemical powder A/B/C, foam, halogenated hydrocarbon

Extinguishing agents to be avoided None

Dangers caused by combustion matters

Protection measures in case of intervention Breathing apparatus

Additional information

## 6 – ACCIDENTAL RELEASES MEASURES

Collection and disposal methods Collect with mechanical equipment. Discard according to the local current regulations

Personal-related safety precautions Wear protective clothes

Environmental protection Prevent filtration into the subsoil

## 7 – HANDLING AND STORAGE

Handling Accurate ventilation/suction in working places

Storage Store in appropriate packages in a dry, cool and well-ventilated place. Keep away from incompatible substances (Section 10)

## 8 – PERSONAL PROTECTION / EXPOSURE CONTROL

Respiratory protection Anti-dust mask

Skin protection Working clothes

Hand protection Safety gloves

Eyes protection Safety goggles with side screen

Exposure limits TLV-TWA: unknown, 10 mg/m<sup>3</sup> (irritant dusts)

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## 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	physical state	Powder
	colour	White
	smell	Odourless
Melting point		825°C
Boiling point		N.A.
Density		2.7 g/cm <sup>3</sup>
Solubility in water		0.013 g/L
Flash point		N.A.
Inflammability limits (vol % in air)		Uninflammable
Autoignition temperature		
pH		9.6-10.2
Coefficient of division n-octanol/water		

## 10 – STABILITY AND REACTIVITY

Conditions to be avoided	N.A.
Products to be avoided	Acids
Hazardous decomposition products	None

## 11 – TOXICOLOGICAL INFORMATION

Penetration ways	Inhalation yes Ingestion yes Contact
Acute toxicity	LD50 (oral, rat) = 6450 mg/kg
Inhalation consequences	
Ingestion consequences	
Skin local effects	Can cause irritation
Eyes local effects	Can cause irritation
Additional information	

## 12 – ECOLOGICAL INFORMATION

Usually not dangerous.

## 13 – DISPOSAL CONSIDERATIONS

Product	Do not discard with domestic waste. Do not introduce into the sewage system
Contaminated packages	Discard according to the local current regulations

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## 14 – TRANSPORT INFORMATION

Product non subject to ADR/RID and IMO 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.

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