



# FINECOLL

## MATERIAL SAFETY DATA SHEET

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

Substance

Chemical Name

Commercial Names and                      Finecoll

Synonyms

Chemical Abstract Nomenclature

# Uses

Clarifying agent

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
Isinglass			>80		
Citric acid	5949-29-1	201-069-1	<16	Xi	R36
Potassium metabisulphite	16731-55-8	240-795-3	<5	Xi	R31
					R37 (>20%)
					R41(>5%)

See Section 16 for the complete text of R phrases.

### 3 – HAZARDS IDENTIFICATION

Not dangerous classified substance according to official current regulations.

Health risks

Can cause skin irritation to persons allergic to dusts

Environmental risks

Physical and chemical hazards  
Fire and explosion

Uninflammable product – Low risk

### 4 – FIRST AID MEASURES

Inhalation

Move the injured person to open air

Skin contact

Wash abundantly with water and soap

Eyes contact

Wash immediately with water

Ingestion

Let ingest water

Product: Finecoll  
Sheet code: FNCLL(1006)E0Revision n° 0  
Updatings: #Date of issue: 11/10/2006  
page 1/4

# MATERIAL SAFETY DATA SHEET



## 5 – FIRE-FIGHTING MEASURES

Advised extinguishing agents	Foam extinguishers or water
Extinguishing agents to be avoided	None
Dangers caused by combustion matters	None
Protection measures in case of intervention	None
Additional information	Uninflammable product

## 6 – ACCIDENTAL RELEASES MEASURES

Collection and disposal methods	Collect mechanically in suitable containers. Wash residual matters with water
Personal-related safety precautions	
Environmental protection	

## 7 – HANDLING AND STORAGE

Handling	Prevent contact with eyes and skin. Do not inhale dusts
Storage	Store in a cool, dry and well-ventilated place. Keep in well-closed containers

## 8 – PERSONAL PROTECTION / EXPOSURE CONTROL

Respiratory protection	Anti-dust mask
Skin protection	Suitable protective clothes
Hand protection	Plastic gloves
Eyes protection	Safety goggles with side screen
Exposure limits	TLV-TWA: unknown, 10 mg/m <sup>3</sup> (irritant dusts) (5 mg/m <sup>3</sup> referred to SO <sub>2</sub> ) (ACGIH 1993-94)

# MATERIAL SAFETY DATA SHEET



## 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	physical state	Powder
	colour	White-grey
	smell	Fish
Melting point		
Boiling point		
Density		
Solubility in water		
Flash point		
Inflammability limits (vol % in air)		
Autoignition temperature		
pH		
Coefficient of division n-octanol/water		

## 10 – STABILITY AND REACTIVITY

Conditions to be avoided	Possible formation of explosive air/powders mixtures
Products to be avoided	Alkaline compounds, sulphides, nitrates, oxidants and reducers
Hazardous decomposition products	Above 153°C it may release carbon monoxide-carbon dioxide

## 11 – TOXICOLOGICAL INFORMATION

Penetration ways	Inhalation yes Ingestion yes Contact no
Acute toxicity	LD50 (oral, rat): 11700 mg/kg (ref. to citric acid) LD50 (oral, rat): 2300 mg/kg (ref. to potassium metabisulphite)
Inhalation consequences	Irritation
Ingestion consequences	Irritation
Skin local effects	Irritation and wounds burning
Eyes local effects	Irritation
Additional information	Possible allergic sensitization

## 12 – ECOLOGICAL INFORMATION

Biodegradable – It can cause pH variations into ecological aquatic systems.

## 13 – DISPOSAL CONSIDERATIONS

Product	Product residuals to be disposed of according to official current regulations and by an authorized contracting firm
Contaminated packages	Empty the package, unfold it completely and dispose of it according to the material

Product: Finecoll  
Sheet code: FNCLL(1006)E0

Revision n° 0  
Updatings: #

Date of issue: 11/10/2006  
page 3/4

# 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
	[ X ]	Not required

# Classification

## 16 – OTHER INFORMATION

Hazard symbol

# Risk phrases	R31	In contact with acids it releases toxic gas
	R36	Irritant to eyes
	R37	Irritant to the respiratory system
	R41	Risk of serious damage to eyes

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: Finecoll  
Sheet code: FNCLL(1006)E0

Revision n° 0  
Updatings: #

Date of issue: 11/10/2006  
page 4/4