



# ANTIFLOR

## MATERIAL SAFETY DATA SHEET

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

Substance

Chemical Name

Commercial Names and Symonyms                      Antiflor Damigiane, Antiflor Fusti, Antiflor Vasche  
 Chemical Abstract Nomenclature

# Uses    Microbiological stabilizing 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
Allyl isosulphocyanate Paraffin	57-06-7		0.5-2%		

See Section 16 for the complete text of R phrases.

### 3 – HAZARDS IDENTIFICATION

Not dangerous classified substance according to official current regulations.

Health risks    Possible temporary irritation of the respiratory system

Environmental risks

Physical and chemical hazards  
Fire and explosion

### 4 – FIRST AID MEASURES

Inhalation    Move to open air and breathe deeply for a couple of minutes

Skin contact    Wash abundantly and thoroughly with water and soap

Eyes contact

Ingestion

Product: Antiflor  
Sheet code: ANTFL(1006)E1

Revision n° 1  
Updatings: #

Date of issue: 11/10/06  
page 1/4

# MATERIAL SAFETY DATA SHEET



## 5 – FIRE-FIGHTING MEASURES

Advised extinguishing agents      Chemical powder, foam or carbon dioxide

Extinguishing agents to be avoided

Dangers caused by combustion matters

Protection measures in case of intervention

Additional information

## 6 – ACCIDENTAL RELEASES MEASURES

Collection and disposal methods      Collect the product

Personal-related safety precautions      Wear protective mask and gloves

Environmental protection

## 7 – HANDLING AND STORAGE

Handling      Open sealed packages only in case of utilization

Storage      Store at a temperature lower than 4 °C. Keep the storehouse well-aired. Keep away from heat and direct sunlight

## 8 – PERSONAL PROTECTION / EXPOSURE CONTROL

Respiratory protection

Skin protection

Hand protection      Wear PVC or rubber gloves

Eyes protection

Exposure limits

# MATERIAL SAFETY DATA SHEET



## 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	physical state	Discoidal, malleable
	colour	Opaque yellowish
	smell	Pungent, typical of mustard
Melting point		70/75 °C
Boiling point		Not pertaining
Density		< 1 (floating)
Solubility in water		Insoluble
Flash point		Uninflammable
Inflammability limits (vol % in air)		
Autoignition temperature		N.A..
pH		N.A.
Coefficient of division n-octanol/water		

## 10 – STABILITY AND REACTIVITY

Conditions to be avoided      Stable at low temperature (<4 °C). At higher temperatures the product tends to give slowly allyl isosulphocyanate and to lose its properties. At temperatures higher than 50 °C the product softens and then melts

Products to be avoided  
Hazardous decomposition products

## 11 – TOXICOLOGICAL INFORMATION

Penetration ways	Inhalation    yes Ingestion    yes Contact
Acute toxicity	
Inhalation consequences	Possible temporary irritation of the respiratory system
Ingestion consequences	
Skin local effects	
Eyes local effects	
Additional information	

## 12 – ECOLOGICAL INFORMATION

The criteria to evaluate the environmental impact of the product are still developing. Given the volatility of the essence of mustard, the residual effects of mineral paraffins shall be considered.

## 13 – DISPOSAL CONSIDERATIONS

Product	Do not ignite. Dispose of 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
	[ X ]	Not required

# Classification

## 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: Antiflor  
Sheet code: ANTFL(1006)E1

Revision n° 1  
Updatings: #

Date of issue: 11/10/06  
page 4/4