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This sheet cancels and replaces any previous edition.

**Safety data sheet pursuant to Regulations no. 1907/2006 dated 18 December 2006 as enacted by the Law no. 46 dated 6 April 2007**

## 1. IDENTIFICATION ELEMENTS OF THE PREPARATION AND OF THE COMPANY

**Commercial name:** FLOTTOPLUS 2.0  
**Type of product and use:** Product rich in chitosans with high electrical surface charge for oenological and professional use  
**DISTRIBUTOR NAME:** ENOLOGICA VASON SpA - Via. Nassar 37  
37029 SAN PIETRO IN CARIANO (VR) ITALIA  
Phone n +39-.045-6859017 Fax n. +39-045-7725188

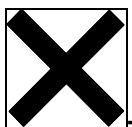
E-mail address: [info@vason.com](mailto:info@vason.com)

Urgent call phone number for the company: +39 045-6859017

## 2. HAZARDS IDENTIFICATION

- Classification of Hazards:

Xi



Irritant

**Indications of hazards for men and environment:**

If in contact with the eyes causes relevant irritation that can continue for more than 24 hours.

The product can accumulate static charges which, liberated could create triggers to fire.

## 3. COMPOSITION - INFORMATION ON ITS COMPONENTS

- Description: Mixture of Cells Walls and Citric Acid

- Components:

CAS n.	EINECS n.	Components	%	Dangers
		Cells Walls	55%	-
5949-29-1	201-069-1	Citric acid monohydrate	45	Irritant R36

## 4. FIRST AID MEASURES

It's necessary an immediate medical care

### 4.1 Skin contact:

Remove contaminated clothing.

In case of contact with skin immediately wash with water.

### 4.2 Eye contact:

Immediately wash with running water with eyes open, for at least 15 minutes. Ask for medical care.

### 4.3 Ingestion:

Product containing sulphurous anhydride, in case of discomfort ask for medical advice.

### 4.4 Inhalation:

Go to a ventilated place.

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## 5. FIRE PREVENTION MEASURES

### 5.1 Suitable extinction equipment:

Nebulised water, CO<sub>2</sub>, dry powder fire extinguisher

### 5.2 Unsuitable extinguishing equipment for reasons of safety:

None.

### 5.3 Risks derived from the combustion of the product:

None in particular

### 5.4 Specific protective devices:

Normal protection equipment used in case of fire

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## 6. MEASURES IN CASE OF ACCIDENTAL LEAKAGE

### 6.1 Cautionary measures directed at people:

Danger of slipping on the spilled product.

### 6.2 Environmental Protection Measures:

Pick the product up and wash the dirty area with water towards the sewer system (biodegradable product)

### 6.3 Cleaning methods:

Wash with water (hot if possible)

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## 7. HANDLING AND STORAGE

### 7.1 Handling:

No particular precautions.

### 7.2 Storage:

Store in a fresh (5-35°C), dry and well ventilated place.

Do not store close to volatile non food products

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## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

### 8.1 Individual protection tools

General standards for protection and hygiene in the workplace:

Keep far from foodstuffs, beverages and animal feed.

Remove contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Protection of the respiratory system:

Mask with SO<sub>2</sub> filter

Hand protection:

Natural CE certified latex gloves specific for chemical industry applications.

Eye protection:

Safety glasses with lateral protection. Do not use contact lenses.

Body protection:

Smock, boots

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## 9. PHYSICAL-CHEMICAL SPECIFICATIONS

- Appearance:	Powder
- Colour:	White cream
- Odour:	strongly acid smell
- Melting point/range:	not applicable
- Boiling point/boiling range:	not applicable
- Flash point:	not applicable
- Evaporation rate:	not applicable
- Flammability:	not applicable

- Vapour pressure:	not applicable
- Vapour density:	not applicable
- Relative density:	not applicable
- Solubility	-
- Partition coefficient:	-
- Autoignition temperature:	not applicable
- Decomposition temperature:	not applicable.
- Viscosity, dynamic:	not applicable
- Explosivity:	not applicable
- Oxidizing properties:	not applicable

## 10. STABILITY AND REACTIVITY

### 10.1 Conditions to avoid:

Humidity, temperatures over 35° C

### 10.2 Materials to avoid

Strong oxidizing agents and reducing agents, strong bases and nitrates.

### 10.3 Hazardous Decomposition Products:

May develop gas and/or toxic or dangerous vapors.

Can develop carbon dioxide (CO<sub>2</sub>)

Can develop carbon monoxide (CO)

## 11. TOXICOLOGICAL INFORMATION

There are no toxicological data on the mixture itself.

Please, therefore, keep in mind the concentration of the individual substances in order to assess the toxicological effects resulting from exposure of the mixture.

Are below the toxicological information concerning main substances present in the preparation:

### CITRIC ACID MONOHYDRATE

Index: n.a., CAS: 5949-29-1,

EC No: 201-069-1

LD50 (oral, rat): 11700 mg/kg

## 12. ECOLOGICAL INFORMATION

### 12.1. toxicity

Use according to working practices, avoiding to disperse the product in the environment.

Refers to citric acid:

Biodegradability: 98% > after 2 days, no bioaccumulation (DIN 38412 Part 25 – DIN EN ISO 9888)

CODE : 700-50 mg/g

BOD5: 575-675 mg/g

Eco-toxicity:

toxicity to fish ip 706-440 mg/L 96 h (DIN 38412 Part 15 – DIN EN ISO 7346)

toxicity to bacteria > 10,000 mg/L (DIN 38412 Part 5)

## 13. CONSIDERATIONS ON DISPOSAL

### 13.1 Product:

Recover if possible.

Send to authorized disposal facilities.

Operate according to the current local and national regulations

## 14. TRANSPORT INFORMATION

Product not subject to ADR/RID and IMO regulations.

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## 15. REGULATION INFORMATION

The product is classified as IRRITANT within the meaning of Directive 88/379/EEC and subsequent amendments.

<b>Symbols:</b>	<b>Xi</b>	<b>irritant</b>
<b>risk phrases:</b>	<b>R36</b>	<b>irritating to eyes</b>
<b>Safety Phrases:</b>	<b>S1/2</b>	<b>Keep locked and out of reach of children S24/25 avoid contact with eyes and skin</b>

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## 16. OTHER INFORMATION

The information contained herein are based on the current level of our knowledge, at the date of issuance and/or revision. They are referred solely to the indicated product and do not constitute any quality guarantee specifications.

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