

# SAFETY DATA SHEET

## Mastervin Compact



Issued on 05/16/2013 - Rel. # 1 on 07/03/2015

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In conformity to Regulation (EU) 2015/830

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product code : Mastervin Compact

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product for oenological and professional use  
Manufacture of food products[SU4]

Uses advised against  
Do not use for purposes other than those listed

#### 1.3. Details of the supplier of the safety data sheet

ENOLOGICA VASON S.P.A.  
Via Nassar 37  
37029 SAN PIETRO IN CARIANO (VR)  
ITALY

msds@vason.it

#### 1.4. Emergency telephone number

+39 0456859017

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Nonhazardous

Pictograms:  
None

Hazard Class and Category Code(s):  
Nonhazardous

Hazard statement Code(s):  
Nonhazardous

#### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
None

Hazard statement Code(s):  
Nonhazardous

Precautionary statements:  
None in particular.

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### 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

No substance to signal.

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Bentonite	> 50 <= 75%			1302-78-9	215-108-5	
Silicon Dioxide	> 20 <= 30%			14464-46-1	231-545-4	

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

### 4.2. Most important symptoms and effects, both acute and delayed

No data available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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### 5.2. Special hazards arising from the substance or mixture

Do not breathe the products of combustion.

### 5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Wear gloves and protective clothing

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

### 6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

### 6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

At work do not eat or drink.

See also paragraph 8 below.

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### 7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

### 7.3. Specific end use(s)

Manufacture of food products:

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Related to contained substances:

Bentonite:

Exposure limit value for dust (inhalable fraction): 3 mg/m<sup>3</sup>

Exposure limit value for dust (respirable fraction): 10 mg/m<sup>3</sup>

### 8.2. Exposure controls

Appropriate engineering controls:

Manufacture of food products:

No specific monitoring foreseen



Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	beige-white granules	

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Physical and chemical properties	Value	Determination method
Odour	characteristic	
Odour threshold	not determined	
pH	not determined	
Melting point/freezing point	not determined	
Initial boiling point and boiling range	not determined	
Flash point	not determined	ASTM D92
Evaporation rate	irrelevant	
Flammability (solid, gas)	not determined	
Upper/lower flammability or explosive limits	not determined	
Vapour pressure	not determined	
Vapour density	not determined	
Relative density	not determined	
Solubility(ies)	not determined	
Water solubility	not determined	
Partition coefficient: n-octanol/water	not determined	
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
Viscosity	not determined	
Explosive properties	not determined	
Oxidising properties	not determined	

### 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

Related to contained substances:

Bentonite:

Stable under normal conditions. No dangerous reaction if handled and stored in accordance with the provisions.

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

None in particular.

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### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = 0,0 mg/kg

ATE(mix) dermal = 0,0 mg/kg

ATE(mix) inhal = 0,0 mg/l/4 h

- (a) acute toxicity: not applicable
- (b) skin corrosion/irritation: not applicable
- (c) serious eye damage/irritation: not applicable
- (d) respiratory or skin sensitization: not applicable
- (e) germ cell mutagenicity: not applicable
- (f) carcinogenicity: not applicable
- (g) reproductive toxicity: not applicable
- (h) specific target organ toxicity (STOT) single exposure: not applicable
- (i) specific target organ toxicity (STOT) repeated exposure: not applicable
- (j) aspiration hazard: not applicable

Health hazards:

Contact with eyes: accidental contact with the eyes may cause irritation.

Contact with skin: the product is not an irritant. Repeated and prolonged direct contact can degrease and irritate the skin and cause dermatitis in some cases.

Ingestion: ingestion may cause product mucosal irritation of the throat and digestive system resulting in abnormal digestive symptoms and intestinal disorders.

Inhalation: prolonged Exposure to vapors or mists of product may cause irritation to the respiratory tract.

Related to contained substances:

Bentonite:

LD50 (rat) Oral (mg/kg body weight) = 2000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 5,7

## SECTION 12. Ecological information

### 12.1. Toxicity

Related to contained substances:

Bentonite:

LC50 (96h) for freshwater fish (rainbow trout): 16000 mg/L

LC50 (24 hours) for marine water fish (black bass, warmouth blue gills, bass and sunfish): 2800-3200 mg/L

EC50 (83d) for freshwater invertebrates (Dungeness crab): 81.6 mg/L

EC50 (83d) for freshwater invertebrates (shrimp dock): 24.8 mg/L

LC50 (12:0 am) for c. dubia and h. limbata: > 500 mg/L

EC50 (48 h) for Daphnia magna (OECD 202): > 100 mg/L

EC50 (72 h) for freshwater algae: > 100 mg/L

No effect was observed on the growth of kidney beans (*Phaseolus vulgaris*) or maize (*Zea mays*) when bentonite was added at a concentration of 135 g/1.6 kg soil

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

No data available.

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### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

Related to contained substances:  
Bentonite:  
Insoluble, low mobility in soils.

### 12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### 12.6. Other adverse effects

No adverse effects

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.  
Recover if possible. Operate according to local or national regulations

## SECTION 14. Transport information

### 14.1. UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### 14.2. UN proper shipping name

None

### 14.3. Transport hazard class(es)

None

### 14.4. Packing group

None

### 14.5. Environmental hazards

None

### 14.6. Special precautions for user

No data available.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

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### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

#### 15.2. Chemical safety assessment

The supplier has made an assessment of chemical safety

### SECTION 16. Other information

#### 16.1. Other information

Classification based on data of all mixture components

##### GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/EC and subsequent updates
2. Directive 67/548/EEC and subsequent amendments and adjustments
3. Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
5. Council Regulation (EC) no 758/2013 of the European Parliament
6. Regulation (EC) no 453/2010 of the European Parliament
7. Regulation (EC) No 528/2012 European Parliament and subsequent updates
8. Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
9. The Merck Index And 10.
10. Handling Chemical Safety
11. Niosh Registry of Toxic Effects of Chemical Substances
12. INRS-Centre Piece
13. Patty-Industrial Hygiene and Toxicology
14. N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

##### Note to the user:

the information in this tab are based on knowledge available to us on the date of the latest version.

The user must ensure the fitness and completeness of the information in relation to the specific use of the product.

You should not interpret it as a guarantee of any specific property of the product.

For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous