

Viniflora Oenos

Viniflora CH 11, CH 16, CH 35

Viniflora CiNe

Revision date: 21.11.2008 / 13.11.2013 Version: 3 Date of print: 13.11.2013



Powering Business Worldwide

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifiers

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The substance does not require registration according to Regulation (EC) No 1207/2006 [REACH]: X

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

Use of the substance/ preparation: Induction of malolactic fermentation in wine

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/

downstream user/distributor):

Eaton Technologies GmbH
Begerow Product Line
An den Nahewiesen 24
55450 Langenlonsheim

Telephone:

+49 6704 204-0

Telefax:

+49 6704 204-121

E-mail (competent person):

SDB@Eaton.com

Dept. responsible for information:

Produktmanagement
Only available during office hours.

Information telephone:

+49 6704 204-0

1.4. Emergency telephone number

Dept. responsible for information:

Produktmanagement
Only available during office hours.

Emergency telephone:

+49 6704 204-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP):

none/none

Classification according to Directive 67/548/EEC or 1999/45/EC:

none/none

2.2. Label elements

2.3. Other hazards

Possible harmful physico-chemical effects:

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Possible harmful effect(s) on human beings and possible symptom(s):

Inhalation of dust may cause irritation of the respiratory system. Irritating to eyes and respiratory system.

Can cause frostbite. Frequently or prolonged contact with skin may cause dermal irritation.

Possible harmful effect(s) on the environment:

No environmental effect. are known.

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SECTION 3: Composition / Information on ingredients

Chemical characterization (preparation):

Lactic acid bacteria of the species Oenococcus oeni. Freeze-dried concentrated culture of Oenococcus oeni produced by concentration and freeze drying of a pure fermentation of the bacteria.

3.1. Substances

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

Change contaminated, saturated clothing.

In case of eye contact:

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion:

Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell.

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

Inhalation of dust may cause irritation of the respiratory system. Irritating to eyes and respiratory system.

Can cause frostbite. Frequently or prolonged contact with skin may cause dermal irritation.

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

Information to physician:

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water. Foam. Dry extinguishing powder.

Extinguishing media which must not be used for safety reasons:

High power water jet.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

5.3. Advice for firefighters

Special protective equipment for firefighters:

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Provide adequate ventilation.

Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes.

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6.1.2. For emergency responders**6.2. Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up:**

Take up mechanically, placing in appropriate containers for disposal. Take up dust-free and set down dust-free. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Wash with plenty of water.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advices on safe handling:**

Handle in accordance with GMP (good manufacturing practice).

Avoid contact with skin, eyes and clothes. Do not breathe dust.

Avoid generation of dust. Do not use a dry brush as dust clouds or static can be created.

Dust should be exhausted directly at the point of origin. Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storerooms and containers:**

Keep/Store only in original container.

Keep container tightly closed and dry.

Storage temperature: < -18°C / 0 °F

Further information on storage conditions:

Take precautionary measures against static discharges.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Remarks:

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls**8.2.1. Appropriate engineering controls****Technical measures:**

Provide for sufficient ventilation and punctiform suction at critical points.

It is recommended to design all work processes always so that the following is excluded: Generation/formation of dust

8.2.2. Personal protective equipment

Respiratory protection: Respiratory protection necessary at/for: dust formation insufficient ventilation.

Suitable respiratory protection apparatus: Filtering device (DIN EN 147). P 3

Hand protection: Wear suitable gloves.

Suitable material: Suitable material: cold resistant.

Eye protection: Eye glasses.

Body protection: Wear personal protection equipment.

General protection and hygiene measures:

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

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8.2.3. Environmental exposure controls:**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: Granulate
Colour: cream-white - light brown
Odour: characteristic

Important health, safety and environmental information:

	Unit	Method
pH:	6 - 7	

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

not known.

10.2. Chemical stability

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

not known.

10.4. Conditions to avoid

Avoid generation of dust.
 Keep away from heat. Protect from sunlight.

10.5. Incompatible materials

not known.

10.6. Hazardous decomposition products

not known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity:**

Toxicological data are not available.

Irritant and corrosive effects:

Irritant effect on the skin: mild irritant.

Irritant effect on the eye: mild irritant.

Inhalation of dust may cause irritation of the respiratory system.

After inhaling vapours, first symptoms of poisoning may develop hours later, so always consult a doctor. The following symptoms may occur: Fever. Shivering. Cough Respiratory complaints. Headache. The symptoms normally disappear completely over night without any treatment.

After ingestion: irritant. Nausea.

Can cause frostbite. Frequently or prolonged contact with skin may cause dermal irritation.

Sensitisation:

May cause sensitization by inhalation and skin contact.

SECTION 12: Ecological information**12.1. Toxicity****Aquatic toxicity:**

According to the present state of knowledge negative ecological effects are not expected.

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Terrestrial toxicity:

No data available

12.2. Persistence and degradability**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

12.4. Mobility in soil

The product is: easily soluble. Water.

12.5. Results of PBT and vPvB assessment

Test not required.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods**Recommendation:**

The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

Contaminated packaging:**Recommendation:**

Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1. Land transport (ADR/RID)**14.2. Inland waterway craft (ADN/ADNR)****14.3. Sea transport (IMDG)****14.4. Air transport (ICAO-TI / IATA-DGR)****14.5. Additional information:**

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Water Hazard Class:** 1 **Source:** S Selbsteinstufung**15.2. Chemical Safety Assessment**

SECTION 16: Other information

Further remarks:

The above information describes exclusively the safety requirements of the product and is based on our present -day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

E-mail (competent person):

SDB@Eaton.com