

SAFETY DATA SHEET

REDUCIT

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name: REDUCIT

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

Oenological use

1.3. Details of the supplier of the safety data sheet

Company details: Institut Œnologique de Champagne
Z.I. de Mardeuil – Allée de Cumières – BP 25
51201 EPERNAY Cedex
FRANCE
Tel: + 33 (0) 3.26.51.96.00.
Fax: + 33 (0) 3.26.51.02.20.
fds@ioc.eu.com

1.4. Emergency telephone number

112

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

Safety data sheet available on request.

2.3. Other hazards

Not known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

3.2. Mixtures

Mixture of the following substances with non-hazardous admixtures

Citric acid

N° CAS : 5949-29-1

N° REACH : 01-2119457026-42

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Move to fresh air in case of accidental inhalation of vapours or decomposition products. In the event of persistent symptoms receive medical treatment.

Eye contact: Rinse immediately with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin contact: Wash off immediately with soap and plenty of water. Consult a doctor if skin irritation persists.

Ingestion: Drink plenty of water. In the event of persistent symptoms receive medical treatment.

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

May cause eye/skin irritation.

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

Treat symptoms.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

5.2. Special hazards arising from the substance or mixture

Fire may produce: Sulphur dioxide (SO₂).

5.3. Advice for firefighters

Use breathing apparatus with independent air supply.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains or bodies of water.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). After taking up the material dispose according to regulation.

6.4. Reference to other sections

Information for disposal see section 13.

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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling : Keep container tightly closed. Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion : No special protective measures against fire required

7.2. Conditions for safe storage, including any incompatibilities

Store only in original container at cool and aired place. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Additive

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures: . Avoid contact with skin, eyes and clothing.

Eye/face protection: Eye wash bottle with pure water (EN 15154). Tightly fitting goggles (EN 166).

Hand protection: Protective gloves resistant to chemicals made off butyl, minimum coat thickness 0,7 mm, permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de. The exact break through time has to be found out by the manufacturer of the protective gloves.

Skin protection : Long sleeved clothing (EN 368).

Respiratory protection : Breathing apparatus in the event of aerosol or mist formation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Apperance : Liquid light blue.

Odour : Sulphur

Odour threshold : No data available

pH : 2.2

Melting / freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point: No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: 1,01 - 1,02 g/cm³

Solubility(ies): No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: < 80°C

Viscosity: No data available

Explosive properties: No data available

Oxidising properties: No data available

9.2. Other information

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

No data available

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10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Based on available data, the classification criteria are not met.

Due to the low pH value the possibility of strong irritations in contact with skin, eyes or mucous membranes cannot be excluded.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT substance.

12.6. Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Advice on disposal : Can be incinerated, when in compliance with local regulations. Where possible recycling is preferred to disposal.

Waste disposal number of used product : WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING; wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing; wastes from forestry

Contaminated packaging : Empty receptacle completely. Dispose like the product.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

No hazardous material as defined by the transport regulations..

14.2. UN proper shipping name

No hazardous material as defined by the transport regulations.

14.3. Transport hazard class(es)

No hazardous material as defined by the transport regulations.

14.4. Packing group

No hazardous material as defined by the transport regulations.

14.5. Environmental hazards

No hazardous material as defined by the transport regulations.

14.6. Special precautions for user

No hazardous material as defined by the transport regulations.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No hazardous material as defined by the transport regulations

SECTION 15. REGULATORY INFORMATION

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

EU regulatory information : 2004/42/EC (VOC): 0%

National regulatory information : Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16. OTHER INFORMATION

compliance with Regulation (EU) No 453/2010 of 20 May 2010

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