

SAFETY DATA SHEET ACIDE LACTIQUE OENO

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name : Acide lactique oeno

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

Classification of the substance or mixture: The physical, health and environmental hazards of the substance have been tested, and the following classification. Classification according to Directive 67/548 / EEC or 1999/45 / EEC and its amendments: Classification Xi; R38-41. 16.

Classification according to Regulation (EC) No 1272/2008 as amended: Health hazards: Corrosion or irritation of the skin Category 2 Causes skin irritation. Injury or eye irritation Category 1 Severe falls.

Hazard Summary: Physical Hazards: No classification for physical hazards. Health hazards: irritating to the skin. Seeds at risk of eye damage. Environmental hazards: no classification for environmental hazards. Special risks: not available.

2.2. Label elements



Signal word: danger

Hazard statements: Causes serious eye damage. Causes skin irritation.

Reaction: IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately contact a POISON CENTER or doctor. Take off contaminated clothing and wash before reuse.

Storage: not available

Disposal: not available

Additional label information: not applicable

2.3. Other hazards

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Chemical name : Acide lactique oeno

N° CAS : 79-33-4

N° CE : 201-196-2

N° REACH : 01-2119474164-39-0000

Classification : DSD: Xi;R38-41

CLP: Skin Irrit. 2;H315, Eye Dam. 1;H318

3.2. Mixtures

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: Remove contaminated clothing

If Inhalation: rest, fresh air, seek medical attention. After inhalation of decomposition products: Immediately inhale corticosteroid dose aerosol

If Skin contact: Rinse the area with water immediately - Call a physician if irritation persists.

If Eye Contact: Wash eyes immediately with water for 15 minutes holding the eyelids - Seek an ophthalmologist.

If Ingestion: Rinse mouth and drink plenty of water.

Information for the doctor: DANGER if swallowed Risk of sulfur dioxide formation by reaction with gastric acid.

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

No data available

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

No data available

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Advisors: water spray, foam, powder or carbon dioxide

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

No data available

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Keep unnecessary staff away. Do not touch or step on spilled product

6.2. Environmental precautions

Avoid spillage or further leakage, if it is possible without danger

6.3. Methods and material for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material if possible. Cover with a plastic sheet to prevent dispersion. Absorb with vermiculite, dry sand or soil and place in container. After collecting the product, rinse the area with water.

Minor Spills: wipe with absorbent material (eg cloth, wool). Thoroughly clean the surface to remove residual contamination. Never return the spilled product to its original container for reuse.

6.4. Reference to other sections

See Section 13 for disposal of the substance

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact of this substance with the eyes. Avoid contact with the skin. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep the container tightly closed. Keep out of the reach of children. Avoid temperatures above 392 ° F (200 ° C).

7.3. Specific end use(s)

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

General: the presence of an eye rinse is recommended.

Eye / face protection: Wear eye / face protection.

Hand protection: Wear protective gloves.

Miscellaneous: Wear appropriate protective clothing.

Respiratory protection: Use an air-supply and positive-pressure respirator if there is a risk of uncontrolled release, if exposure levels are unknown, or whenever the protection provided by respirators may not be present. to be sufficient.

Hygiene measures: avoid contact with the eyes. Avoid contact with the skin. Avoid contact with food and drink. Handle in accordance with good industrial hygiene and safety practice

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance : Liquid.

Odour : none

Odour threshold : No data available

pH: 1,8 à 25 °C

Melting / freezing point : No data available

Initial boiling point and boiling range : 120 - 130 °C (248 - 266 °F) à 1013 hPa.

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: No data available

Solubility(ies): No data available

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Partition coefficient: n-octanol/water: 0,62
Auto-ignition temperature: No data available
Decomposition temperature: > 200 °C (> 392 °F).
Viscosity : 5 - 60 mPa·s à 25 °C
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

Product is stable in its sealed packaging, no particular conditions

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Temperatures above 200 °C

10.5. Incompatible materials

Oxidizing agents - acids

10.6. Hazardous decomposition products

None

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Information on likely routes of exposure: Skin contact: causes skin irritation

Eye contact: Causes serious eye damage.

Information on toxicological effects: Acute toxicity: not available.

Product: Lactic Acid: Test Results: Acute Dermal LD 50 Rabbit:> 2000 mg / kg Components L - (+) - Lactic Acid (79-33-4):

Test Results: Acute Inhalation LC 50 Rat : 7.94 mg / l 4 hours Acute Oral LD 50 Guinea pig: 1810 mg / kg Acute Oral LD 50 Rat: 3730 mg / kg

Acute Oral LD 50 Mouse: 4875 mg / kg Skin corrosion or irritation: Causes skin irritation. Injury or serious eye irritation: Causes serious eye damage. Respiratory sensitization: not available Skin sensitization: not available Germ cell mutagenicity: not available Carcinogenicity: not classified Reproductive toxicity: not available

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Product: lactic acid

Test results:

EC 50 Algae: 3500 mg / L EC 50

Daphnia: 240 mg / L 48 hours LC 50

Fish: 320 mg / L 48 hours

12.2. Persistence and degradability

Biodegradable.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods:

Residual waste: Not available

Contaminated packaging: Empty containers must be taken to an approved site for waste treatment for recycling or disposal.

EU waste code: not available

Disposal / information methods: collect and reuse or disposal in sealed containers at an approved waste collection point.

Disposal of contents / containers in accordance with local, regional, national, international regulations.

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SECTION 14. TRANSPORT INFORMATION

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

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

Not applicable

SECTION 15. REGULATORY INFORMATION

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

Not applicable.

15.2. Chemical safety assessment

Not applicable.

SECTION 16. OTHER INFORMATION

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

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