

SAFETY DATA SHEET SORBATE DE POTASSIUM

version : EN/28-12-20/B

page : 1/5

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name: Sorbate de potassium

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

Industry, wine and food

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

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2.

Eye irritation, Category 2.

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Possibility of irritation to the eyes and skin.

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements



GHS07

Signal Word : WARNING

Product identifiers :

EC 246-376-1 POTASSIUM SORBATE

Hazard statements :

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements - Prevention :

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Components : potassium sorbate 100%

N° CAS : 24634-61-5

N°EC : 246-376-1

3.2. Mixtures

SAFETY DATA SHEET

SORBATE DE POASSIUM

version : EN/28-12-20/B

page : 2/5

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

In all cases of doubt or if symptoms persist, consult a doctor.

INHALATION

Seek fresh air and breathe if necessary. Seek medical attention.

EYES AND SKIN

Wash with plenty of water for 15 to 20 minutes.

INGESTION

Do not induce vomiting. Loosen tight clothing such as collars, ties, belts or bands. Yes, the person is not breathing, perform mouth-to-mouth resuscitation. Call a physician immediately.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED Eye and skin irritation.

INDICATIONS OF NEED IMMEDIATE MEDICAL CONSULTATION AND SPECIAL TREATMENTS

Consult your physician in case of skin irritation or rash.

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

Recommended: Foam, Carbon dioxide (CO₂), Dry powder, Water spray.

5.2. Special hazards arising from the substance or mixture

Specific risks caused by the substance, its products of combustion or gas evolution: in the event of fire, carbon dioxide (CO₂) can be liberated.

Minimum ignition energy: 60 mJ. Explosion limits: less than 70%

5.3. Advice for firefighters

Do not inhale explosion / combustion gases. Protective equipment: wear a respirator. Additional information: after combustion, large amounts of soot form.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Remove the ignition source. Provide adequate ventilation. Avoid inhaling gases or vapors. Avoid contact with eyes and skin. Wear protective equipment (gloves, clothing, mask, goggles). Wear appropriate NIOSH / MSHA approved respirators if fumes / vapors / gases have been generated

6.2. Environmental precautions

Avoid dispersing the product in sewers.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Place material in a container and dispose of in accordance with local legislation. Rinse the area. REFERENCE TO OTHER SECTIONS See Section 7 for information on safe handling. See section 8 for more information on personal protective equipment. See section 13 for disposal information.

6.4. Reference to other sections

See Section 8 for disposal of the substance

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not breathe dust / vapors. Handle in sufficiently ventilated areas. Eliminate sources of ignition, does not generate sparks or flames. Take precautions against the formation of electrostatic charges. Do not drink, eat or smoke in work areas. Clean your hands after handling. Remove contaminated clothing and protective equipment before entering food consumption areas.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for warehouses and containers: this is no special requirement is required. Storage information for common warehouses: not compulsory. Further information on storage conditions: Store in a cool, dry place in tightly closed containers. Protect from exposure to light.

7.3. Specific end use(s)

Data no available

SAFETY DATA SHEET

SORBATE DE POASSIUM

version : EN/28-12-20/B

page : 3/5

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

No data available

8.2. Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Avoid dust formation. Ensure good ventilation and suction in the work area.

PERSONAL PROTECTION MEASURES

Eye / face protection: goggles / mask. Hand protection: Wear suitable protective gloves. Body protection: wear suitable protective clothing. Respiratory protection: avoid dust formation. In case of insufficient ventilation, used respiratory equipment Thermal hazards: wear suitable protective clothing against heat.

ENVIRONMENTAL EXPOSURE CONTROLS

Avoid release to the environment. Dispose of in accordance with local laws and official regulations.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: white powder or solid.

Odour: None

Odour threshold: No data available

pH: 8-11

Melting / freezing point: 210 °C

Initial boiling point and boiling range: Not determined

Flash point: Not determined

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: 1,36 g/cm³ (23 °C)

Solubility(ies): 58 Gew-%

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

Auto-ignition temperature: > 150 °C

Decomposition temperature: No data available

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

The substance is stable under normal storage and handling conditions.

10.2. Chemical stability

Product stable at usual storage and handling temperatures

10.3. Possibility of hazardous reactions

Under normal conditions no hazardous reaction will occur

10.4. Conditions to avoid

Incompatible materials, combustible materials, materials organic, reducing agents, strong acids.

10.5. Incompatible materials

CO₂

10.6. Hazardous decomposition products

None

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

TOXICOKINETICS, METABOLISM AND DISTRIBUTION

Non-human toxicological data Not available

Methods not available

Doses Not available

Routes of administration Not available

Results not available

Absorption Not available

SAFETY DATA SHEET

SORBATE DE POASSIUM

version : EN/28-12-20/B

page : 4/5

Distribution Not available
Metabolism Not available
Excretion Not available

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity: oral LD50, rat 2000 mg / kg
Acute toxicity: dermal LD50, rat 2000 mg / kg
Acute toxicity : LD50 inhalation, rat Not available
Carcinogenicity Not classified Skin irritation / corrosion
Causes skin irritation Serious eye irritation / damage
Causes serious eye irritation
Skin or eye sensitization Not classified
Germ cell mutagenicity Not classified
Reproductive toxicity Not classified
Single exposure STOT Not classified
Repeated exposure STOT Not classified
Aspiration hazards Not classified

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute toxicity:

Fish: LC50: 1250 mg / L (fish; 96 h) (Toxicity to fish)

Daphnia and other aquatic invertebrates: EC50: 750 mg / l (Daphnia; 48 h) (Toxicity to daphnia)

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

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not regulated

14.6. Special precautions for user

Not regulated

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

Not regulated

SAFETY DATA SHEET SORBATE DE POASSIUM

version : EN/28-12-20/B

page : 5/5

SECTION 15. REGULATORY INFORMATION

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

Not applicable

Restrictions on use for young people.

Use authorized only by technically qualified persons

Other national regulations: Not applicable.

15.2. Chemical safety assessment

No data available

SECTION 16. OTHER INFORMATION

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

Full text of R-phrases referred to under Sections 2 and 3. R36 Irritating to eyes / R38 Irritating to skin Full text of H-Statements referred to in Sections 2 and 3. H319 Causes serious eye irritation