

1 Bezeichnung des Stoffes / der Zubereitung und des Unternehmens Identification of the substance/preparation and of the company/undertaking

1.1 Bezeichnung des Stoffes oder der Zubereitung / Identification of the substance or preparation

Potassium disulfite (food-grade quality) for the sulphiting of mash/crushed grapes, must/grape juice, wine and fruit juice.

Handelsname / Trade name

Kadifit.

Artikelnummer / Art.-no.

5101x.

1.2 Verwendung des Stoffes / der Zubereitung / Use of the substance / preparation

1.2.1 Identifizierte Verwendung(en) / Identified use(s)

Industrie / Gewerbe / Industry / Professional: According to Erbslöh product leaflet.

Privat / Private: None.

1.3 EG-Inverkehrbringer / EC market responsible person

1.3.1 Bezeichnung des Unternehmens / Company/undertaking identification

Erbslöh Geisenheim AG, Erbslöhstraße 1, 65366 Geisenheim, Germany

E-Mail: info@erbsloeh.com, Internet: www.erbsloeh.com

1.3.2 Notrufnummer / Emergency telephone:

Tel: +49 (0) 6722 708-0: Diese Nummer ist nur zu Bürozeiten von Mo-Fr besetzt. This number is serviced during office hours from Mo-Fr.

2 Mögliche Gefahren / Hazards identification

2.1 Einstufung / Classification:

Causes serious eye damage. May cause respiratory irritation.

2.2 Andere Gefahren / Other hazard(s):

Contact with acids liberates toxic gas. Irritating to respiratory system. Risk of serious damage to eyes.

3 Zusammensetzung/Angaben zu Bestandteilen / Composition/information on ingredients

3.1. Chemische Charakterisierung (Stoff) / Chemical characterization (substance)

Chemische Bezeichnung / Chemical name: : Potassium disulfite [CAS-no.:16731-55-8]; [EINECS-No.: 240-795-3].

Synonym(e) / Synonyme(s): Potassium metabisulfite, Potassium pyrosulfite.

Gefährliche Bestandteile / Verunreinigungen / Hazard(ous) ingredients / impurity(ies):

Potassium metabisulfite, Potassium pyrosulfite.

3.2. Zusätzliche Hinweise / Additional information:

No additional information.

4 Erste-Hilfe-Maßnahmen / First aid measures

4.1 Allgemeine Hinweise / General informations

Remove contaminated, soaked clothing immediately.

4.2 Nach Einatmen / In case of inhalation

Remove to fresh air. Call in doctor.

4.3 Nach Hautkontakt / In case of skin contact

Wash off with water and soap immediately. Remove contaminated clothing.

4.4 Nach Augenkontakt / In case of eye contact

In case of contact with eyes, rinse immediately thoroughly with plenty of water with eyelid held wide open and consult an ophthalmologist.

4.5 Nach Verschlucken / In case of ingestion

Immediately make victim drink water (two glasses at most). Call in doctor.

4.6 Selbstschutz des Ersthelfers / Self-protection of the first aider

First aider: Pay attention to self-protection!

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5 Maßnahmen zur Brandbekämpfung / Fire-fighting measures

5.1 Geeignete Löschmittel / Suitable extinguishing media

Suitable extinguishing media: Water, Carbon dioxide (CO₂), Foam, extinguishing powder.

5.2 Löschmittel, die aus Sicherheitsgründen nicht zu verwenden sind / Extinguishing media which must not be used for safety reasons

Co-ordinate fire-fighting measures to the fire surroundings.

5.3 Besondere Gefährdungen / Special exposure hazards

Ambient fire may liberate hazardous vapours. The following may develop in event of fire: sulfur oxides. Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

5.4 Besondere Schutzausrüstung für die Brandbekämpfung / Special protective equipment for fire-fighters

Wear full protective clothing with self-contained breathing apparatus.

6 Maßnahmen bei unbeabsichtigter Freisetzung / Accidental release measures

6.1 Personenbezogene Vorsichtsmaßnahmen / Personal precautions

Avoid generation of dust; do not inhale dusts. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

6.2 Umweltschutzmaßnahmen / Environmental precautions

Do not allow to enter sewerage system.

6.3 Verfahren zur Reinigung / Methods for cleaning up

Take up dryly. Forward for disposal. Clean up affected area with plenty of water.

6.4 Zusätzliche Hinweise / Additional information

No additional information.

7 Handhabung und Lagerung / Handling and Storage

7.1. Handhabung / Handling

Workingplaces should be designed allow cleaning at any time. Avoid generation of dust. Take precautionary measures against electrostatic charge.

7.2. Lagerung / Lagerbedingung / Storage / storage conditions

Store in a dry, well-ventilated place, protected from foreign odours. Tightly closed.

7.3. Bestimmte Verwendung(en) / Specific use(s)

See product leaflet.

8 Begrenzung und Überwachung der Exposition / persönliche Schutzausrüstung / Exposure controls / Personal protection

8.1. Expositionsgrenzwerte / Exposure limit values

No substance related limit value available.

8.2. Begrenzung und Überwachung der Exposition / Exposure controls

8.2.1. Begrenzung und Überwachung der Exposition am Arbeitsplatz / Occupational exposure controls.

a) Atemschutz / Occupational exposure controls

Filter respirator of particle class P2.

b) Handschutz / Hand protection

Protective gloves. Material: Nitrile rubber.

c) Augenschutz / Eye protection

Safety glasses with side-shields conforming to EN166.

Andere Schutzmaßnahmen / Additional protection measures:

Keep away from food stuffs. Avoid prolonged and intense skin contact. Avoid eye contact.

8.2.2. Begrenzung und Überwachung der Umweltexposition / Environmental exposure controls

See section 7. No additional measures necessary.

8.2.3. Begrenzung und Überwachung des Stoffes in Verbraucher- oder Folgeprodukten / Substance control in consumer or downstream products

No special measures necessary.

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9 Physikalische und chemische Eigenschaften / Physical and chemical Properties

9.1 Erscheinungsbild / Appearance

Form / Physical state: Crystalline powder.
Farbe / Colour: White.
Geruch / Smell: Slightly sulfur dioxide.

9.2 Wichtige Angaben zum Gesundheits- und Umweltschutz sowie zur Sicherheit / Important health, safety and environmental information

Schüttgewicht / Bulk density: 1100-1300 kg/m³.
Dichte / density: Not applicable.
pH-Wert (20 °C) / pH-value: 3-4,5 (Suspension 5 %)
Schmelzpunkt / Melting point : No data available.
Siedepunkt / Boiling temperature : ~ 100 °C.
Selbstentzündlichkeit / Autoignition :: No data available.
Explosionsgefahr / Explosive properties: No data available.
Wasserlöslichkeit / Water solubility: Soluble.

10 Stabilität und Reaktivität / Stability and Reactivity

10.1 Zu vermeidende Bedingungen / Conditions to avoid

Strong heating. Reaction takes place at temperatures above 150 °C. Avoid electrostatic charge

10.2 Zu vermeidende Stoffe / Materials to avoid

Acids, nitrites, nitrates, oxidizing agents.

10.3 Gefährliche Zersetzungsprodukte / Hazardous decomposition products

Sulfur oxides.

11 Toxikologische Angaben / Toxicological information

11.1 Toxikinetik, Stoffwechsel und Verteilung / Toxicokinetics, metabolism and distribution

Acute oral toxicity (LD50): > 2300 mg / kg (species: rat)..

11.2 Akute Wirkungen (akute Toxizität, Reiz- und Ätzwirkung) / Acute Effects (acute toxicity, Irritant and corrosive effects)

Irritating to eyes and respiratory system.

12 Umweltbezogene Angaben / Ecological information

12.1 Ökotoxizität / Ecotoxicity

Fish toxicity: LC50/Danio rerio/ 460 - 1000 mg/l/96 h

Bacterial toxicity: Pseudomonas putida EC/ LC50 (17 h): 65 mg/l

12.2 Mobilität / Mobility

No data available.

12.3 Persistenz und Abbaubarkeit / Persistence and degradability Inorganic substances could not be eliminated by biological methods.

12.4 Bioakkumulationspotential / Bioaccumulative potential No indication to bioaccumulation potential.

12.5 Ergebnis der Ermittlung der PBT-Eigenschaften / Results of PBT assessment

This substance does not meet the criteria for classification as PBT or vPvB..

12.6 Andere schädliche Wirkungen / Other adverse effects

Harmful effect due to pH shift. Do not allow to enter waters, waste water, or soil.

13 Hinweise zur Entsorgung / Disposal considerations

13.1 Entsorgung / Abfall (Produkt) / Appropriate disposal / product

Dispose of waste according to applicable local, state, and federal regulations.

Empfehlung / Recommendation

None.

13.2 Entsorgung der Verpackung / Appropriate disposal / packaging

Dispose of waste according to applicable local, state, and federal regulations.

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14 Angaben zum Transport / Transport information

14.1 Landtransport (ADR/RID/GGVSE) / Land transport (ADR/RID)

No dangerous good in sense of this transport regulation.

14.2 See (IMDG), Binnen (A.D.N.R.) / Seeschiffstransport (IMDG), Binnenschiffstransport (ADNR)

No dangerous good in sense of this transport regulation..

14.3 Luft (IATA) / Air transport (IATA)

No dangerous good in sense of this transport regulation.

15 Rechtsvorschriften / Regulatory information

15.1 EU-Vorschriften / EU-Regulations

Gemäß GHS - Verordnung (EG) 1272/2008 / according to GHS - regulation (EC) 1272/2008

Gefahrensymbole und Gefahrenbezeichnung / hazard symbol(s) and labelling of the product



DANGER.

Gefahrbestimmende Komponente(n) zu Etikettierung / Hazard(ous) component(s) for labelling:

Potassium disulfite.

H- Sätze /H-phrases

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

P- Sätze / P-phrases

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

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

15.2 Stoffsicherheitsbeurteilung / Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Besondere Kennzeichnung bestimmter Zubereitungen / Special provisions concerning the labelling of certain preparations

Please adhere to EU legislation.

15.3 Nationale Vorschriften / National regulations

Wassergefährdungsklasse / Water hazard class (WGK): 1 (slightly water polluting substance).

16 Sonstige Angaben / Other information

16.1 Nummer und Wortlaut der H-Sätze unter Abschnitt 3 / Relevant H-phrases under section 3 (Number and full text):

H318 Causes serious eye damage. H335 May cause respiratory irritation.

16.2 Schulungshinweise Training instructions: None.

16.3 Weitere Informationen / Further information: Please refer to our internet website for more information..

Mit den vorstehenden Angaben, die dem heutigen Stand unserer Kenntnisse und Erfahrungen entsprechen, wollen wir unser Produkt im Hinblick auf etwaige Sicherheitserfordernisse beschreiben, verbinden damit jedoch keine Eigenschaftszusicherungen und Qualitätsbeschreibungen. Bestehende Gesetze und Bestimmungen sind vom Anwender in eigener Verantwortung zu beachten.

With the information given, which complies with our present knowledge and experience, we would like to describe our products in view of possible safety requirements, however we do not combine any warranty of product property or quality. Laws and regulations currently in force, have to be adhered to by the user.

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