

BayWa AG
Vertrieb Hopfen
Kalchenstraße 20
88069 Tettang- Germany



Iso Extrakt 10%

MATERIAL SAFETY DATA SHEET

1. PRODUCTS AND SUPPLIER INFORMATION

Name: Iso Extract 10%

Synonyms: Iso extract, Isomerized Hop Extract, Iso

Supplier: BayWa AG, Kalchenstraße 20, 88069 Tettang – Germany

Emergency phone: +49 8751 8646-41 or
+49 7542 5396-10

2. COMPONENTS

Aqueous solution of the potassium salts of iso-alpha-acids derived by the isomerization of the alpha-acids (originated from CO₂ extract) of hops. The Solution contains no alcoholic or flammable ingredients.

Typical composition: 10 %

3. HEALTH HAZARD DATA

Main hazards: none known

Oral ingestion: a large dose may be dangerous; not known

Eye contact: may cause conjunctiva irritation and corneal damage

Skin contact: prolonged contact may cause dermatitis

4. EMERGENCY AND FIRST AID PROCEDURES

Eye contact: immediately flood the opened eye with plenty of water. Obtain medical attention.

Skin contact: wash skin thoroughly with soap and water. Contaminated clothing should be washed before re-use.

Oral ingestion: Consult a physician.

5. FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: not flammable

Special hazards of

Product: none

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The BayWa logo consists of a green square with the word "BayWa" written in white, sans-serif font.

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6. ACCIDENTIAL RELEASE/SPILL MEASURES

Personal protection: Wear appropriate protective clothing.

Environmental

precautions: Normal clean-up procedure as for any agricultural commodity.

7. HANDLING AND STORAGE

Storage temperature: 5 - 15 °C (41 – 59 °F)

Use opened containers as soon as possible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: not required

Hand protection: PVC or rubber gloves

Body protection: if danger of splashing PVC or rubber apron

Eye protection: chemical goggles during handling

Other protective equipment: not applicable

9. PHYSICAL AND CHEMICAL DATA

Form: viscous liquid

Color: amber - brown,

Odor: characteristic, typical slight hop aroma

Boiling point: not known (approx. 100°C (212°F))

Density (kg/l): 1.065

Solubility in water: better in pH 8 - 10

pH: 9 (+/- 1.0)

Flash point: not known

10. TOXICOLOGICAL INFORMATION

Based on the knowledge of using hops in brewing hop extracts are generally recognized as safe (GRAS 21 CFR 182.20). No TVL's established

11. ECOLOGICAL INFORMATION

Iso Extrakt 30 % is all natural and biodegradable.

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12. DISPOSAL INFORMATION

Disposal should be done in accordance with local and national regulations.

13. TRANSPORT INFORMATION

Recommended transport conditions: as quick as possible.

14. REGULATORY INFORMATION

Labeling according to US and EC directives

R-phrases: not applicable

S-phrases: not applicable

EINECS Listing: not listed

15. OTHER INFORMATION

This MSDS is based on our best knowledge. The information herein is supplied in good faith and without warranty of any kind. This information should be used only as a supplement to information already in your possession concerning this product and its use. The determination of whether and under what conditions be used by your employees is yours to make. We do not accept any liability for loss, injury or damage that may result from its use.