

Xanthohumol Extract

Material Safety Data Sheet

1. Product and Supplier Information	
Name:	Xanthohumol Extract
Synonyms:	Xantho Extract, Xanthohumol enriched extract, Polyphenol extract
Supplier:	Barth-Haas-Group/NATECO₂ GmbH & Co. KG Auenstr. 18-20, 85283 Wolnzach, Germany Emergency phone: +49 8442 660 Email: contact@nateco2.de
2. Components/Composition	
Mixture of Polyphenols, extracted from the dried cones of the cultivated hop plant humulus lupulus; many different hop varieties and extract standardisations are existing; this MSDS applies to all varieties.	
Main ingredients:	Xanthohumol
registry number:	6754-58-1
3. Health Hazard Data	
Main hazards:	None
Oral ingestion:	A large dose may cause irritation of mouth, throat and digestive tract.
Eye contact:	May cause conjunctiva irritation and corneal damage.
Skin contact:	Prolonged contact may cause dermatitis.
4. Emergency and First Aid Procedures	
Eye contact:	May be irritating. Wash affected eye with plenty of pure water. Seek medical attention if irritation persists.
Skin contact:	May be slightly irritating. Wash contacted area with warm soapy water. Wash contaminated clothing before re-use.
Oral ingestion:	It is an extremely bitter substance and may be irritating to mouth, throat and stomach. Drink plenty of milk or water to dilute and fruit juice to neutralise bitterness. Vomiting is possible but should not be induced.
5. Fire and Explosion Hazard Data	
Extinguishing media:	Use dry powder, foam or carbon dioxide.
Special hazards of product:	No known unusual fire and explosion hazards.
6. Accidental Release/Spill measures	
Personal protection:	Wear appropriate protective clothing.
Sweep up with a broom or use a vacuum cleaner and place into container for later disposal. Flush area with hot water to remove residues.	
7. Handling and Storage	
Storage temperature:	• below 5 °C (41°F)
No special precautions necessary. Xanthohumol Extract should be used as soon as possible once opened.	

8. Exposure Controls/Personal Protection	
Respirator:	Not required
Hand protection:	PVC or rubber gloves
Body protection:	If danger of splashing PVC or rubber apron.
Eye protection:	Protective goggles during handling
9. Physical and Chemical Properties	
Form:	powder
Color:	yellow / dark green (depending on purification degree)
Odor:	characteristic, typical hoppy, resinous
pH	slightly acidic
Melting temperature	not applicable
Density (kg/l):	not applicable
Solubility:	soluble in nearly all organic solvents
Flash point:	not applicable
Ignition temperature:	not applicable
10. Stability and Reactivity	
Hop constituents oxidize in contact with air, no hazardous reactivity known.	
11. Toxicological Information	
Product is used for beer brewing and is generally recognized as safe.	
12. Ecological Information	
Mobility:	No part of this product will dissolve in water.
The product is all natural and biodegradable.	
13. Disposal Considerations	
Product disposal:	Dispose of in accordance with local regulations. Packaging material (wooden pallets, cartons, emptied tins, glasses and one-way barrels) to be recycled.
14. Transport Information	
UN-No: N/C	RID: N/C
Class: N/C	Packing Group: N/C
15. Regulatory Information	
Labeling according to US and EC regulations	
R-phrases:	Not applicable
S-phrases:	Not applicable
Einecs Listing:	Not listed
16. Other Information	
The information in this Safety Data sheet is correct to the best of our knowledge. This information herein is furnished without warranty of any kind. This information should be used only as a supplement to information already in your possession concerning this product. The determination of whether and under what condition the product should 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.	