



Safety Data Sheet (SDS)

T90 Pellets

1. Product and Company Identification

Product Name: T90 Pellets

Synonyms: T90 Pellets, Hop Pellets, Lupulin Hop Pellets

Intended Use: Brewing additive

Manufacturer: Crosby Hop Farm, LLC

8648 Crosby Road NE

Woodburn, OR 97071

For more information call: 1-503-982-5166 (Monday-Friday, 8:00am-5:00pm PST)

Email: Kaitlyn.Macleod@crosbyhops.com

2. Hazards Identification

Main hazards: None

Oral ingestion: Associated dust may be irritating to mouth and throat.

Eye contact: Associated dust may be irritating to eyes.

Skin contact: None

3. Composition/Information on Ingredients

Components: 100% by weight dried, compressed hop cones of the cultivated hop plant *Humulus lupulus*.

CAS number: None

Einecs number: None

4. First Aid Measures

Inhalation: None

Skin contact: Brush off excess material and wash skin thoroughly with soap and water if irritation occurs.

Eye contact: Flood the eye with plenty of water if irritation occurs.

Oral ingestion: Drink large amounts of milk or water to dilute if irritation occurs. Vomiting may occur. Consult a physician.

5. Fire-Fighting Measures

Extinguishing media: Use dry powder, foam or carbon dioxide. Keep containers and surroundings cool with water spray.

Special firefighting procedures: Great care should be taken using water jet/spray.

Unusual fire and explosion hazards: May spontaneously combust when hot and/or wet (see section 7).

6. Accidental Release Measures

Personal protection: Wear appropriate protective clothing to prevent possible irritation from dust.

Environmental precautions: Do not allow product to enter drains to avoid potential for clogging of drain due to high oil content/ water insolubility of product.

Methods for cleaning up: Normal clean-up procedures as for any agricultural commodity.

7. Handling and Storage

Handling: Avoid generating excessive dust.

Storage: T90 pellets should be stored cool and dry, between -4°C (24°F) to -2°C (28°F) and 8-12% moisture.



8. Exposure Controls/Personal Protection

Respirator: If in danger of generating dust, use facemask.

Hand protection: Not required.

Eye protection: If in danger of generating dust, wear safety glasses.

Skin protection: Not required.

9. Physical and Chemical Properties

Form: Lupulin enriched hop pellets

Color: Varies with variety; ranges from pale to dark green.

Odor: Varies with variety; ranges from hoppy, cheesy, or musky to citrus or floral.

Boiling point: Not applicable.

Density: Not known.

Solubility in water: Insoluble.

pH: Not applicable.

Flash point: Not applicable.

Ignition temperature: Not applicable.

10. Stability and Reactivity

Conditions to avoid: Moisture content above 12% to avoid possible spontaneous combustion of compressed bales; storage temperatures above -2°C (28°F) to avoid oxidation of constituent hop acids and oils.

Materials to avoid: No known incompatibilities.

Hazardous decomposition products: None known. Combustion will generate oxides of carbon.

11. Toxicological Information

The manufacturing and use of this product is supported by a long history of safe use in brewing. In accordance with US FDA 21 CFR 170.30(c) and 170.3(f), lupulin enriched hop pellets are generally recognized as safe (GRAS).

12. Ecological Information

Ecotoxicity: Not known

Mobility: Product may partially dissolve in water.

Persistence and degradability: This product is all natural and biodegradable.

Bioaccumulation potential: Product is not expected to bioaccumulate.

Other adverse effects: Not known

13. Disposal Considerations

Product disposal: Dispose of in accordance with all applicable local and national regulations. Composting recommended where appropriate.

Container disposal: Labels should not be removed from containers until containers have been cleaned.

Contaminated containers should not be treated as household waste. Containers should be cleaned using soap and water or other appropriate methods and then re-used, recycled or disposed of by landfill or incineration as appropriate.

14. Transport Information

D.O.T./NA-No: Not listed

UN-No: Not listed

Class: Not listed

Shipping name: T90 Pellets, Lupulin Hop Pellets

Packaging group: Not listed

Marine pollutant: Not known



Document Number: SC25

Version: 1

Effective Date: 8/31/2023

15. Regulatory Information

This product is not classified in Annex 1 Directive 67/548/EEC on the classification, packaging and labeling of dangerous substances. We are unaware of any research or regulations that regard this product as hazardous.

R-phrases: None

S-phrases: None

16. Other Information

Current Issue Date: August 31, 2023

Additional Information: The information provided in this Safety Data Sheet is based on the manufacturer's current knowledge and is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. The determination of whether and under what conditions the product should be used is up to the consumer. The manufacturer does not accept any liability for loss, injury, or damage that may result from the use of this product.