



## CROSBY HOPS™

### Safety Data Sheet (SDS)

#### CGX Pellets

##### **1. Product and Company Identification**

Product Name: CGX Pellets

Synonyms: CGX Pellets, Concentrated Hop Pellets, Lupulin Enriched 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)

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



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### **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: CGX Pellets, Lupulin Enriched Hop Pellets

Packaging group: Not listed

Marine pollutant: Not known

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Note: **Printed copies of this document are not controlled.** User must verify current revision prior to use.



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**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: April 25, 2022

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.