### Product and Supplier Information

**Name:** Cone Hops  
**Synonyms:** Leaf Hops  
**Supplier:** Simply Hops Limited  
Hop Pocket Lane, Paddock Wood, Kent, TN12 6DQ UK  
Emergency phone: +44 1892 833515  
Email: enquiries@simplyhops.co.uk  

### Chemical Data

- **Main hazard:** None  
- **Oral ingestion:** Associated dust may be irritating to the mouth and throat  
- **Eye contact:** Associated dust may be irritating to eyes  

### Physical and Chemical Properties

- **Form:** Whole dried fruit of Humulus lupulus  
- **Colour:** Various shades of green  
- **Odour:** Characteristic, typical hoppy  
- **Boiling Point:** Not applicable  
- **Density (kg/l):** 460 - 700  
- **Solubility in Water:** Insoluble in water  
- **pH:** Not applicable  
- **Flash Point:** Not applicable  
- **Evaporation Rate:** Not applicable  

### Toxicological Information

- **Hop constituents oxidize in contact with air; no hazardous reactivity known.** If originally sealed packages are stored at temperatures above 20°C (68°F), gas formation is possible. Combustion will generate oxides of carbon.

### Ecological Information

- **Synonyms:** Leaf Hops  

### Disposal Considerations

- **Product Disposal:** Dispose of in accordance with all applicable local and national regulations.  
- **Container disposal:** Labels should not be removed from containers until they have been cleaned. Contaminated containers should not be treated as household waste. Containers should be cleaned using appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

### Transport Information

- **UN-No:** N/C  
- **Class:** N/C  
- **Packing Group:** N/C  
- **Recommended Transport:** Quickest possible transport at temperatures below 20°C (68°F)

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The information is this Safety Data sheet is correct to the best of your knowledge. This information herein is furnished without warranty of any kind. The 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.
1. Product and Supplier Information

**Name:** Hop Pellets (Type 90 Pellets)  
**Synonyms:**  
**Supplier:** Simply Hops Limited  
Hop Pocket Lane, Paddock Wood, Kent, TN12 6DQ UK  
Emergency phone: +44 1892 833515  
Email: enquiries@simplyhops.co.uk

2. Components/Composition

- **Form:** Pelleted powder  
- **Odor:** Various shades of green  
- **Characteristics:** Typical hoppy note  
- **Colour:** Various shades of green  
- **Boiling Point:** Not applicable  
- **Density (kg/m³):** 480 - 750  
- **Solubility in Water:** Insoluble in water  
- **pH:** Not applicable  
- **Flash Point:** Not applicable  
- **Evaporation Rate:** Not applicable  
- **Stability and Reactivity:** Hop constituents oxidize in contact with air, no hazardous reactivity known. If originally sealed packages are stored at temperatures above 20°C (68°F), gas formation is possible. Combustion will generate oxides of carbon.

3. Health Hazard Data

- **Main hazards:**  
- **Associated dust:** May be irritating to the mouth and throat  
- **Associated dust:** May be irritating to eyes  
- **Odor:** Partially absorbed, no known long-term health effects.

4. Emergency and First Aid Procedures

- **Eye Contact:** Wash out with plenty of water  
- **Skin Contact:** Brush off excess material and ensure skin is washed thoroughly with soap and water  
- **Respirator:** If in danger of generating dust use facemask  
- **Hand Protection:** Wear appropriate protective clothing  
- **Body Protection:** Wear protective goggles

5. Fire and Explosion Hazard Data

- **Extinguishing Media:** Use dry powder, foam or carbon dioxide. Keep containers and surroundings cool with water spray  
- **Unsuitable extinguishing media:** Great care should be taken using water jet/spray  
- **UN-No:** N/C  
- **RID:** N/C  
- **Packing Group:** N/C

6. Accidental Release/Spill Measures

- **Environmental precautions:** Do not allow product to enter drains  
- **Normal clean-up procedure:** As for any agricultural commodity  
- **Skin contact:** Normal clean-up procedure  
- **Evaporation Rate:** Not applicable

7. Handling and Storage

- **Storage Temp:** 0 - 5°C (32 - 41°F)  
- **Environmental precautions:** Supported by a long history of safe use in brewing and in accordance with US FDA CFR 170.30© and 170.3(f), hops are generally recognised as safe (GRAS)  
- **Stability and Reactivity:** The product is all natural and biodegradable

8. Exposure Controls/Personal Protection

- **Respirator:** If in danger of generating dust use facemask  
- **Hand Protection:** Not required  
- **Body Protection:** Not required  
- **Eye Protection:** If in danger of generating dust wear goggles

9. Physical and Chemical Properties

- **Density (kg/m³):** 480 - 750  
- **Solubility in Water:** Insoluble in water  
- **pH:** Not applicable  
- **Flash Point:** Not applicable  
- **Evaporation Rate:** Not applicable

To guarantee quality avoid heat, moisture, strong odours during storage. Pellets should not be stored at temperatures above 20°C (68°F) since it is possible that the gases are formed from hop constituents. The resulting pressure increase may cause bursting of the foils. Consequently the hops are exposed to air and the oxidation takes place resulting in a considerable deterioration of quality. Suitable storage containers are thick gauge laminated foil bags, stainless lacquered mild steel.

10. Toxicological Information

- **Toxicological Information:** Supported by a long history of safe use in brewing and in accordance with US FDA CFR 170.30© and 170.3(f), hops are generally recognised as safe (GRAS)  
- **Stability and Reactivity:** The product is all natural and biodegradable

11. Ecological Information

- **Biodegradability:** Suitable for recycling

12. Transport Information

- **Class:** N/C  
- **RID:** N/C  
- **Packing Group:** N/C  
- **Transport Information:** Quickest possible transport at temperatures below 20°C (68°F)

13. Regulatory Information

- **UN-No:** N/C  
- **RID:** N/C  
- **EROS:** Not applicable

14. Disposal Information

- **Disposal:** Dispose of in accordance with all applicable local and national regulations.

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