

1. 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
2. Components/Composition	
Product consists entirely of hop cones of the cultivated hop plant <i>Humulus Lupulus</i> . Many different varieties.	
	Humulones (Alpha-acids) Lupulons (Beta-acids)
CAS number:	26472-41-3 468-28-0
3. Health Hazard Data	
Main hazards:	None
Oral ingestion:	Associated dust may be irritating to the mouth and throat
Eye contact:	Associated dust may be irritating to eyes
Skin contact:	Not applicable
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
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
Special hazards of product:	None
6. Accidental Release/Spill Measures	
Personal Protection:	Wear appropriate protective clothing
Environmental precautions:	Do not allow product to enter drains
Normal clean-up procedure as for any agricultural commodity	
7. Handling and Storage	
Storage temp:	0 - 5°C (32 - 41°F)
To guarantee quality avoid heat, moisture, strong odours during storage. Whole hops should not be stored at temperatures above 20°C (68°F) since it is possible that the gasses 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.	
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	
Form:	Whole dried fruit of <i>humulus lupulus</i>
Colour:	Various shades of green
Odor:	Characteristics, typical hoppy
Boiling Point:	Not applicable
Density (kg/m ³):	480 - 700
Solubility in Water:	Insoluble in water
pH:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Not applicable
10. 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.	
11. Toxicological Information	
Supported by a long history of safe use in brewing and in accordance with US FDA 21 CFR 170.30© and 170.3(f), hops are generally recognised as safe (GRAS)	
12. Ecological Information	
The product is all natural and biodegradable	
13. 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.
14. Transport Information	
UN-No: N/C	RID: N/C
Class: N/C	Packing Group: N/C
Recommended Transport:	Quickest possible transport at temperatures below 20°C (68°C)
15. Regulatory Information	
Labelling according to EC directives	
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 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:	PEL/PE 90, Kettle Pellets, Hop Pellets
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	
Product consists entirely of pelleted hop cones of the cultivated hop plant <i>Humulus Lupulus</i> . Many different varieties.	
	Humulones (Alpha-acids) Lupulons (Beta-acids)
CAS number:	26472-41-3 468-28-0
3. Health Hazard Data	
Main hazards:	None
Oral ingestion:	Associated dust may be irritating to the mouth and throat
Eye contact:	Associated dust may be irritating to eyes
Skin contact:	Not applicable
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
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
Special hazards of product:	None
6. Accidental Release/Spill Measures	
Personal Protection:	Wear appropriate protective clothing
Environmental precautions:	Do not allow product to enter drains
Normal clean-up procedure as for any agricultural commodity	
7. Handling and Storage	
Storage temp:	0 - 5°C (32 - 41°F)
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 gasses 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.	
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	
Form:	Pelleted powder
Colour:	Various shades of green
Odor:	Characteristics, typical hoppy
Boiling Point:	Not applicable
Density (kg/m ³):	480 - 700
Solubility in Water:	Insoluble in water
pH:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Not applicable
10. 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.	
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Class: N/C	Packing Group: N/C
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16. Other Information	
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