



SAFETY DATA SHEET

1. Identification of the Preparation and of the Company			
1.1 Product Identifier:	HopKick®		
Synonyms:	None.		
1.2 Relevant Uses:	Intermediate for further processing. May be used in food and beverage products.		
1.3 Supplier:	John I. Haas, Inc.		
1.4 Emergency Contact Details:	1600 River Rd., Yakima, WA 98902 Emergency phone: +1 (509) 469-4000 (office hours) Email: info@johnihaas.com		
2. Hazards Identification			
2.1 Classification:	No known hazards.		
2.2 Label Elements:	N/A (not classified).		
2.3 Other Hazards:	HopKick® has not been fully tested. Ingestion of a large dose may cause irritation of mouth, throat, and digestive tract. The product may cause eye irritation and prolonged handling may cause dermatitis.		
3. Components/Information on Ingredients			
Component	Concentration	CAS no.	Hazard classification
<i>Humulus lupulus</i>	Proprietary	8060-28-4	Not classified
Water	Balance	7732-18-5	Not classified
HopKick® contains naturally occurring oils extracted from hops (<i>Humulus lupulus</i>). Not considered hazardous.			
4. First Aid Measures			
4.1 Description of First Aid Methods:	<u>Inhalation:</u> Move to fresh air. <u>Skin Contact:</u> Wash skin thoroughly with soap and water. <u>Eye Contact:</u> Flood the eye with plenty of water. If any symptoms persist obtain medical attention. <u>Oral Ingestion:</u> Drink large amounts of milk or water to dilute. Vomiting may occur but should not be induced. Obtain medical attention if symptoms persist.		
4.2 Most Important Symptoms and Effects:	No data available.		



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4.3 Indication of Immediate Medical Attention or Special Treatment:	None known.
5. Fire-Fighting Measures	
5.1 Extinguishing media:	Carbon dioxide, dry powder, and foam.
5.2 Special Hazards Arising from Substance:	None known.
5.3 Advice for Firefighters:	Fire fighters should wear self-contained positive pressure breathing apparatus.
6. Accidental Release Measures	
6.1 Personal Protection:	Wear appropriate protective clothing – see Section 8.
6.2 Environmental Precautions:	None known.
6.3 Methods for Cleaning Up:	Contain spillage using earth, sand, or other inert material. Transfer to suitable sealed container prior to disposal. Flush area with hot soapy water to remove final traces. Use adequate ventilation or a respirator if in a confined area.
7. Handling and Storage	
7.1 Precautions for Safe Handling:	Avoid excessive contact with product. Use appropriate protective clothing as indicated in Section 8. Wash hands after use.
7.2 Conditions for Safe Storage:	Store at or below 5 °C / 41 °F. Keep container closed when not in use. Use opened containers as soon as possible.
7.3 Specific End Uses:	The substance is manufactured for use as a food ingredient and should be used in accordance with applicable food legislation.
8. Exposure Controls / Personal Protection	
8.1 Control Parameters:	Not applicable.
8.2 Exposure Controls:	<u>Engineering Controls:</u> Provide adequate ventilation. <u>Eye/Face Protection:</u> Safety glasses or goggles. <u>Hand Protection:</u> PVC, rubber, latex, or nitrile gloves. <u>Skin Protection:</u> Not normally required. <u>Respiratory Protection:</u> Not normally required.



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9. Physical and Chemical Properties	
Appearance:	Clear to opaque liquid
Odor:	Hops
Odor Threshold:	No data available
pH:	No data available
Freezing Point:	No data available
Boiling Point:	No data available
Flash Point:	No data available
Evaporation Rate:	No data available
Flammability:	No data available
Upper/Lower Flammability:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Density:	No data available
Solubility in Water:	Soluble
Partition Coefficient:	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity at 20 °C:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
10. Stability and Reactivity	
10.1 Reactivity:	No reactivity hazards known
10.2 Chemical Stability:	Stable if stored in accordance with 7.2
10.3 Possibility of Hazardous Reactions:	None known
10.4 Conditions to Avoid:	Keep container closed when not in use
10.5 Incompatible Materials:	None known
10.6 Hazardous Decomposition Products:	None known



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11. Toxicological Information	
11.1 Acute Toxicity:	No data available
11.2 Skin Corrosion/ Irritation:	No data available
11.3 Serious Eye Damage/ Irritation:	No data available
11.4 Respiratory or Skin Sensitization:	No data available
11.5 Germ Cell Mutagenicity:	No data available
11.6 Carcinogenicity:	No data available
11.7 Reproductive Toxicity:	No data available
11.8 STOT-Single Exposure:	No data available
11.9 STOT-Repeated Exposure:	No data available
11.10 Aspiration Hazard:	No data available
12. Ecological Information	
12.1 Toxicity:	No data available
12.2 Persistence and Degradability:	No data available
12.3 Bioaccumulative Potential	No data available
12.4 Mobility in Soil:	No data available
12.5 Results of PBT and vPvB Assessment:	No data available
12.6 Other Adverse Effects:	No data available
13. Disposal Considerations	
Product disposal:	Dispose 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-Number:	Non-hazardous for transport
Class:	Non-hazardous for transport
Shipping name:	N/A
Packing group:	Non-hazardous for transport



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Marine pollutant:	No data available
15. Regulatory Information	
15.1 Safety, Health and Environmental Regulations:	No data available
15.2 Chemical Safety Assessment:	No data available
16. Other Information	
<p>The information in this safety data sheet is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information in this document is based on our present knowledge and should be used only as a supplement to information already in your possession concerning this product. It does not represent any guarantee of the properties of the product. The determination of whether and under what condition the product should be used is yours to make. We do not accept any liability for loss, injury or damage that may result from its use.</p> <p>Date of issue: January 13, 2023 Date of Revision: August 24th, 2023</p>	