



MATERIAL SAFETY DATA SHEET

MSDS

LICORICE EXTRACT

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	LICORICE EXTRACT - WS
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	06/01/2010
Emergency Telephone Number:	Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity:	Licorice Extract Ethyl alcohol solution CAS #64-17-5 Irritant/Flammable Material
Hazardous Components:	30% concentration <ul style="list-style-type: none">• UN 1170• Class 3• P.G. II

3. HAZARDS IDENTIFICATION

Routes of Entry:	<ul style="list-style-type: none">• Skin• Ingestion• Inhalation
Eye Contact:	Undiluted liquid maybe irritating to eyes
Skin Contact:	Undiluted liquid may be irritating to skin. Prolonged or repeated skin contact may cause allergic dermatitis.

4. FIRST AID MEASURES

Eyes:	Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin:	Wash with soap and water – get medical attention if irritation occurs.
Ingestion:	Do not induce vomiting. Administer milk or water to dilute. Seek medical attention.
Inhalation:	Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point (Method Used):	Will not ignite
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Extinguishing Media:	<ul style="list-style-type: none"> • Dry Chemical • Carbon Dioxide • Foam
Special Firefighting Procedures:	<p>Note: Do not use water except to cool containers.</p> <ul style="list-style-type: none"> • Use self contained breathing equipment for fighting interior fires.
Unusual Fire & Explosion Hazards:	None

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)
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Personal Protection:	OSHA approved chemical resistant gloves and safety glasses should be worn. Chemical resistant clothing may also be worn as an added precaution. If desired, use a NIOSH approved respirator.
Environmental Protection:	Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	<ul style="list-style-type: none"> • Eliminate sources of ignition and ventilate area. • Absorb onto an inert, absorbent substrate and sweep up. Wash with soap and water.

7. HANDLING AND STORAGE

Handling	
Safe Handling:	<ul style="list-style-type: none"> • Wear safety glasses. • Keep away from oxidizing agents, excessive heat and sources of ignition.
Storage	
Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION
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Engineering Controls:	Have eye wash stations available near workstations
Personal Protection	
Eye:	OSHA approved safety glasses should be worn.
Skin/Body:	Chemical resistant clothing and gloves may be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.
Ventilation:	Handle in well ventilated areas.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices for handling chemicals

9. PHYSICAL AND CHEMICAL PROPERTIES
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Physical State:	Liquid
Color:	Clear to Hazy
Odor:	Characteristic
Specific Gravity (H2O = 1):	0.960
Flash Point:	70°C
Boiling Point:	~100 °C

Evaporation Rate: N/A
Solubility in Water: Complete

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Extreme heat
Incompatibility (Materials to Avoid): None
Hazardous Decomposition or Byproducts: None
Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure: Irritation of skin an eyes; dizziness or lightheadedness; nausea or vomiting.
Irritancy: Skin: May be an irritant
Eyes: May be an irritant
Carcinogenicity: NTP: No IARC: No OSHA Regulated: No

12. ECOLOGICAL INFORMATION

Ecological Information: No ecological hazards are associated with this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not put into sewer lines. Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT Classification: Not regulated

15. REGULATORY INFORMATION

No Information

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.