

SAFETY DATA SHEET

BAYBERRY BIRCH

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Bayberry Birch

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classification

Acute toxicity - Oral - Category 4
Serious eye damage/eye irritation - Category 2A
Skin sensitization Category - 1A

Warning

Hazard statements
Harmful if swallowed
Causes serious eye irritation
May cause an allergic skin reaction



Appearance

No information available

Physical state

No information available

Odor

No information available

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection.

Precautionary Statements - Response

Specific treatment (see .? on this label).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Precautionary Statements - Storage

Store in accordance with local regulations.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

Other Information

- Causes mild skin irritation
- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life 64.2033 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS NO.	Weight-%
Isobornyl acetate	125-12-2	10-20%
Eugenol	97-53-0	1-10%
Hexyl cinnamaldenylde	101-80-0	1-10%
Cinnamal	104-55-2	1-10%
vertenex	32210-23-4	1-10%
veraox	88-41-5	1-10%
Limonene D	5989-21-5	1-10%
Cyclamen aldenylde	103-95-1	1-10%

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Linalyl acetate	115-95-7	1-10%
Raspberry ketone	5471-51-2	1-10%
Coumarin	91-04-5	1-10%
Ethyl methynphenylglycidate	77-83-8	1-10%
Pinene alpha	80-56-8	0.01-1%
Allyl amyl glycolate	67634-00-8	0.01-1%
Cinnamalva	1885-38-7	0.01-1%
Triplal isomer unspecified	68737-61-1	0.01-1%
Eucalyptol	470-82-6	0.01-1%
Allyl caproate	123-08-2	0.01-1%
Cedaryl acetate	77-54-3	0.01-1%
Allyl cyclohexyl propionate	2705-87-5	0.01-1%
Cedrenes	11028-42-5	0.01-1%
Benzyl benzoate	120-51-4	0.01-1%
Myrcene	123-35-3	0.01-1%
Linalool	78-70-6	0.01-1%
Isoeugenol	97-54-1	0.01-1%
Amyl salicylate	2050-08-0	0.01-1%
Aldehydes C-12	112-54-9	0.01-1%
Aldehydes C-11	112-45-8	0.01-1%

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact

Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.

Inhalation

Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms

No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Specific hazards arising from the chemical

No information available.

Hazardous combustion products

Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

Explosion data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and inhalation of vapors. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

Environmental precautions

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. When using, do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep locked up and out of reach of children.

Incompatible materials

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls

Showers

Eyewash stations

Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

Skin and Body Protection

Avoid contact with skin. Wear protective gloves and protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	Very pale yellow
Odor	Characteristic odor
Odor threshold	Not applicable

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Property	Values	Remarks • Method
pH	Not applicable	
Melting point / freezing point	Not applicable	
Boiling point / boiling range	No data available	
Flash Point	> 93.333 °C / > 200 °F	CC (closed cup)
Evaporation Rate	Not applicable	
Flammability (solid, gas)	Not applicable	
Flammability Limit in Air		
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	Not applicable	
Vapor Density	Not applicable	
Specific gravity	Not applicable	
Water solubility	Not applicable	
Solubility in other solvents	Not applicable	
Partition coefficient	Not applicable	
Autoignition Temperature	Not applicable	
Hyphen	Not applicable	
Kinematic viscosity	No data available	
Dynamic viscosity	Not applicable	
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	

Other Information

Softening point	Not applicable
Molecular weight	Not applicable
VOC content	Not applicable
Density	Not applicable
Bulk Density	Not applicable

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

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Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation

Avoid breathing vapors or mists.

Eye Contact

Specific test data for the substance or mixture is not available.

Skin contact

Specific test data for the substance or mixture is not available.

Ingestion

Specific test data for the substance or mixture is not available.

Component Information

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Diethyl adipate 103-23-1		Group 3		
Eugenol 97-53-0		Group 3		
Coumarin 91-64-5		Group 3		
Benzyl acetate 140-11-4		Group 3		
Cedrenes 11028-42-5		Group 1		
soeugenol 97-54-1		Group 2B		
Methyl eugenol 93-15-2		Group 2B	Reasonably Anticipated	
BHT 128-37-0		Group 3		
Styrene 100-42-5		Group 2A	Reasonably Anticipated	

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

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STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity

64.2033 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

mg/kg mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT

Not Regulated

IATA

UN number or ID number

UN3082

Proper Shipping Name

Environmentally hazardous substance, liquid, n.o.s.

Transport hazard class(es)

9

Packing group

III

Special Provisions

A97, A158, A197

Description

UN3082, environmentally hazardous substance, liquid, n.o.s. (Hexyl cinnamaldehyde, Cedrenes), 9, III

IMDG

UN number or ID number

UN3082

Proper Shipping Name

Environmentally hazardous substance, liquid, n.o.s.

Transport hazard class(es)

9

Packing group

III

EmS-No

F-A, S-F

Special Provisions

274, 335, 969

Description

UN3082, Environmentally hazardous substance, liquid, n.o.s. (Hexyl cinnamaldehyde, Cedrenes), 9, III

15. REGULATORY INFORMATION

Regulations information

documents@naturalbulksupplies.com

16. OTHER INFORMATION

All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.