

SECTION 1: Identification

1.1. Identification

Product name : CEDARWOOD BLEND

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Berje
700 Blair Road
Carteret, NJ 07008 - USA
T 973-748-8980 - F 973-680-9618
berje@berjeinc.com - www.berjeinc.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 24 Hours Emergency Chemtrec. ERR - CCN2624

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

| | |
|-------------------|---|
| Flam. Liq. 4 | H227 - Combustible liquid |
| Skin Irrit. 2 | H315 - Causes skin irritation. |
| Eye Dam. 1 | H318 - Causes serious eye damage. |
| STOT SE 3 | H335 - May cause respiratory irritation. |
| Aquatic Acute 2 | H401 - Toxic to aquatic life |
| Aquatic Chronic 2 | H411 - Toxic to aquatic life with long lasting effects. |

Full text of H-statements: see section 16

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H227 - Combustible liquid
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.
H401 - Toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (GHS US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection
P302+P352 - IF ON SKIN: Wash with plenty of water/...
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor.
P312 - Call a POISON CENTER/doctor if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use media other than water to extinguish.
P391 - Collect spillage.

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P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose in a safe manner in accordance with local/national regulations

2.3. Other hazards

2.4. Unknown acute toxicity (GHS US)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS-US classification |
|---------------|--------------------|---------|--|
| ETHYL LACTATE | (CAS-No.) 687-47-8 | 25 – 50 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 |
| CEDROL | (CAS-No.) 77-53-2 | 10 – 25 | Aquatic Chronic 2, H411 |
| alpha-Cedrene | (CAS-No.) 469-61-4 | 1 – 5 | Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after eye contact : Causes serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustible liquid.

Explosion hazard : May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

6.1.2. For emergency responders

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautions for safe handling : No open flames. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep in fireproof place. Keep container tightly closed.

Incompatible materials : Heat sources.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : light yellow

Odour : There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.
Mixture contains one or more component(s) which have the following odour:
Mild odour Fruity odour Peppermint odour Sweet odour Lemon odour

Odour threshold : No data available

pH : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : 147.2 °F

Relative evaporation rate (butylacetate=1) : No data available

Flammability (solid, gas) : No data available

Explosive limits : No data available

Explosive properties : No data available

Oxidising properties : No data available

Vapour pressure : No data available

Relative density : 0.989

Relative vapour density at 20°C : No data available

Solubility : No data available

Partition coefficient n-octanol/water (Log Pow) : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : < 20.5 mm²/s

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

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9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Heat. Sparks.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| ETHYL LACTATE (687-47-8) | |
|--------------------------|-----------------------|
| LD50 oral rat | 8200 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 8200 mg/kg bodyweight |

| | |
|------------------------------------|-------------------------------------|
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye damage. |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/effects after inhalation | : May cause respiratory irritation. |
| Symptoms/effects after eye contact | : Causes serious eye damage. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

| ETHYL LACTATE (687-47-8) | |
|---|--------------------------------|
| LC50 - Fish [1] | 100 – 1000 mg/l (96 h; Pisces) |
| LC50 - Other aquatic organisms [1] | 100 – 1000 mg/l (96 h) |
| TLM - Fish [1] | 100 - 1000,96 h; Pisces |
| TLM - Other aquatic organisms [1] | 100 - 1000,96 h |
| Threshold limit - Other aquatic organisms [1] | 100 - 1000,96 h |

12.2. Persistence and degradability

| CEDARWOOD BLEND | |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

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| ETHYL LACTATE (687-47-8) | |
|-------------------------------|---|
| Persistence and degradability | Readily biodegradable in water. |
| ThOD | 1.35 g O ₂ /g substance |
| alpha-Cedrene (469-61-4) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| CEDROL (77-53-2) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |

12.3. Bioaccumulative potential

| ETHYL LACTATE (687-47-8) | |
|---|----------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.18 (Calculated) |
| Bioaccumulative potential | Bioaccumulation: not applicable. |
| CEDROL (77-53-2) | |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

| ETHYL LACTATE (687-47-8) | |
|--------------------------|-------------------|
| Surface tension | 0.028 N/m (25 °C) |

12.5. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport

Transportation of Dangerous Goods

Transport by sea

UN-No. (IMDG) : 3082
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class (IMDG) : 9 - Miscellaneous dangerous substances and articles
Packing group (IMDG) : III - substances presenting low danger

Air transport

UN-No. (IATA) : 3082
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.
Class (IATA) : 9 - Miscellaneous Dangerous Substances and Articles
Packing group (IATA) : III - Low danger

SECTION 15: Regulatory information

15.1. US Federal regulations

| CEDARWOOD BLEND | | |
|---|--|--|
| Not listed on the United States TSCA (Toxic Substances Control Act) inventory | | |

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

| | | |
|---------------|------------------|----------|
| alpha-Pinene | CAS-No. 80-56-8 | < 1% |
| ETHYL LACTATE | CAS-No. 687-47-8 | 25 – 50% |

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| | | |
|-------------------------|--------------------|----------|
| PHENYL ETHYL PROPIONATE | CAS-No. 122-70-3 | 10 – 25% |
| WATER | CAS-No. 7732-18-5 | 1 – 5% |
| POLYGLYCERYL OLEATE | CAS-No. 9007-48-1 | 1 – 5% |
| alpha-Cedrene | CAS-No. 469-61-4 | 1 – 5% |
| MENTHOL | CAS-No. 89-78-1 | < 1% |
| Menthone Laevo Natural | CAS-No. 14073-97-3 | < 1% |
| MENTHYL ACETATE | CAS-No. 2623-23-6 | < 1% |
| 1,8-Cineole | CAS-No. 470-82-6 | < 1% |
| MENTHO FURAN | CAS-No. 494-90-6 | < 1% |
| CARYOPHYLLENE | CAS-No. 87-44-5 | < 1% |
| Limonene | CAS-No. 5989-27-5 | < 1% |
| (+/-)-Pulegone | CAS-No. 15932-80-6 | < 1% |
| CEDROL | CAS-No. 77-53-2 | 10 – 25% |

15.2. International regulations

CANADA

No additional information available

CEDROL (77-53-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

alpha-Pinene (80-56-8)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

ETHYL LACTATE (687-47-8)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Revision date : 02/07/2022

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Full text of H-statements:

| | |
|------|---|
| H226 | Flammable liquid and vapour. |
| H227 | Combustible liquid |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H401 | Toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |

Hazard Rating

- Health : 1 Slight Hazard - Irritation or minor reversible injury possible
- Flammability : 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II IIIA)
- Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
- Personal protection : B
B - Safety glasses, Gloves

SDS US (Berje) 5.2

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.