

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 12/20/2018 Revision date: 09/11/2023 Supersedes: 07/13/2023 Version: 1.6

SECTION 1: Identification Identification 1.1. Product form : Mixture Product name SPRUCE PURE Product code 50-6255-02 Recommended use and restrictions on use 1.2 1.3. **Supplier** The Lebermuth Company 4004 Technology Drive South Bend, IN 46628 - United States T 574-259-7000 - F 574-258-7450 info@lebermuth.com - www.lebermuth.com 1.4. **Emergency telephone number** : CHEMTREC - USA: 800-424-9300 International: +1 703-527-3887 / 1-800-424-9300 Emergency number CCN 13010 SECTION 2: Hazard(s) identification Classification of the substance or mixture 2.1. **GHS US classification** Flammable liquids Category 3 Flammable liquid and vapor Skin corrosion/irritation Category 2 Causes skin irritation Serious eye damage/eye irritation Category 1 Causes serious eye damage Skin sensitization, Category 1 May cause an allergic skin reaction Reproductive toxicity Category 2 Suspected of damaging fertility or the unborn child Specific target organ toxicity (single exposure) Category 2 May cause damage to organs Aspiration hazard Category 1 May be fatal if swallowed and enters airways 2.2. GHS Label elements, including precautionary statements **GHS US labeling** Hazard pictograms (GHS US) GHS02 GHS05 GHS07 GHS08 Signal word (GHS US) : Danger Flammable liquid and vapor Hazard statements (GHS US) May be fatal if swallowed and enters airways Causes skin irritation May cause an allergic skin reaction Causes serious eye damage Suspected of damaging fertility or the unborn child May cause damage to organs Obtain special instructions before use. Precautionary statements (GHS US) Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace.

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Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Immediately call a poison center or doctor. If on skin: Wash with plenty of water. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Call a poison center or doctor. If exposed or concerned: Get medical advice/attention. Immediately call a poison center or doctor. Specific treatment (see supplemental first aid instruction on this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. In case of fire: Use media other than water to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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| Name | Product identifier | % | GHS US classification |
|-----------------|----------------------|------|--|
| PINENE | (CAS-No.) 80-56-8 | < 25 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 |
| BETA-PINENE* | (CAS-No.) 127-91-3 | < 25 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 |
| CAMPHENE | (CAS-No.) 79-92-5 | < 25 | Flam. Sol. 2, H228 Eye Irrit. 2B, H320 |
| I-Limonene | (CAS-No.) 5989-54-8 | < 10 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 |
| delta-3-Carene | (CAS-No.) 13466-78-9 | < 10 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 |
| MYRCENE | (CAS-No.) 123-35-3 | < 10 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304 |
| dl-Camphor | (CAS-No.) 21368-68-3 | < 5 | Flam. Liq. 4, H227 Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 |
| P-MENTHADIENE | (CAS-No.) 555-10-2 | < 5 | Flam. Liq. 3, H226 Asp. Tox. 1, H304 |
| GAMMA-TERPINENE | (CAS-No.) 99-85-4 | <1 | Flam. Liq. 3, H226 Repr. 2, H361 Asp. Tox. 1, H304 |
| P-CYMENE | (CAS-No.) 99-87-6 | < 1 | Flam. Liq. 3, H226 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:vapour), H331 Repr. 2, H361 Asp. Tox. 1, H304 |

Full text of hazard classes and H-statements : see section 16

| SECTION 4: First-aid measures | | |
|--|---|--|
| 4.1. Description of first aid measures | | |
| First-aid measures general | : Call a physician immediately. | |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. | |
| First-aid measures after skin contact | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. | |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. | |
| First-aid measures after ingestion | : Do not induce vomiting. Call a physician immediately. | |
| 4.2. Most important symptoms and effect | s (acute and delayed) | |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. | |
| Symptoms/effects after eye contact | : Serious damage to eyes. | |
| Symptoms/effects after ingestion | : Risk of lung edema. | |
| 4.3. Immediate medical attention and special treatment, if necessary | | |
| Treat symptomatically. | | |
| SECTION 5: Fire-fighting measures | | |
| 5.1. Suitable (and unsuitable) extinguishing media | | |
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. | |
| 5.2. Specific hazards arising from the chemical | | |
| Fire hazard | : Flammable liquid and vapor. | |

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| Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. SECTION 6: Accidental release measures | Reactiv | ity | : Flammable liquid and vapor. |
|---|----------|---|--|
| Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. SECTION 6: Accidental release measures 6.1. 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. 6.1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 6.2. Environmental precautions Avoid release to the environment. 5.3. 6.3. Methods and material for containment and cleaning up Wethods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dother information : Dispose of materials or solid residues at an authorized site. 6.4. Reference to other sections For further information refer to section 13. Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container und receiving equipment. Use oniy non-sparking tools. Take perclosion-proof | 5.3. | Special protective equipment and protective | precautions for fire-fighters |
| 8.1. Personal precautions, protective equipment and emergency procedures 8.1.1. For non-emergency personnel Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. 8.1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 8.2. Environmental precautions Avoid release to the environment. 8.3. Methods and material for containment and cleaning up Wethods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Other information : Dispose of materials or solid residues at an authorized site. 6.4. Reference to other sections : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No solid, recauding measures against static discharge. Flammable vapors may accumulate in the container and receiving equipment. Use explosion-proof equipment. Weapors/spray. Avoid contact with skin and eyes. Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No solid, Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. | | | : Do not attempt to take action without suitable protective equipment. Self-contained breathing |
| 8.1.1. For non-emergency personnel : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. 8.1.2. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 8.2. Environmental precautions : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 8.3. Methods and material for containment and cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. 02ther information : Dispose of materials or solid residues at an authorized site. 8.4. Reference to other sections : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No singing. Ground/bond container and receiving equipment. Use environmed receiving equipment. Use environs for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No singing. Ground/bond container and receiving equipment. Use environs measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Weaprosinger/spray. Avoid contact with skin and eyes. Precautions for safe storage, including any incompatibilities Evaluated tothing before reuse. Contaninated and to be allowed out of the workplace. Do not | SECT | ION 6: Accidental release mea | asures |
| Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. 6.1.2. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. C) Definition : Dispose of materials or solid residues at an authorized site. 6.4. Reference to other sections : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapor/spray. Avoid contact with skin and eyes. Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 7.2. Conditions for safe storage, including any incompatibilities : Ground/bond container and receiving equipment. | 6.1. | Personal precautions, protective e | quipment and emergency procedures |
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| flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 7.2. Conditions for safe storage, including any incompatibilities Technical measures : Ground/bond container and receiving equipment. | 7.1. | Precautions for safe handling | |
| out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 7.2. Conditions for safe storage, including any incompatibilities Technical measures : Ground/bond container and receiving equipment. | Precaut | ions for safe handling | flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe |
| Technical measures : Ground/bond container and receiving equipment. | Hygiene | e measures | : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands |
| | 7.2. | Conditions for safe storage, includ | ing any incompatibilities |
| Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. | Technic | al measures | : Ground/bond container and receiving equipment. |
| | Storage | conditions | : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| SPRUCE PURE | | |
|--|--|--|
| No additional information available | | |
| CAMPHENE (79-92-5) | | |
| No additional information available | | |
| PINENE (80-56-8) | | |
| USA - ACGIH - Occupational Exposure Limits | | |
| Local name | α-Pimene | |
| ACGIH OEL TWA [ppm] | 20 ppm | |
| Remark (ACGIH) | TLV® Basis: Lung irr. Notations: DSEN; A4 (Not classifiable as a Human Carcinogen) | |
| Regulatory reference | ACGIH 2023 | |
| delta-3-Carene (13466-78-9) | | |
| No additional information available | | |

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| BETA-PINENE* (127-91-3) | | |
|--|--|--|
| USA - ACGIH - Occupational Exposure Limits | | |
| Local name | β-Pimene | |
| ACGIH OEL TWA [ppm] | 20 ppm | |
| Remark (ACGIH) | TLV® Basis: Lung irr. Notations: DSEN; A4 (Not classifiable as a Human Carcinogen) | |
| Regulatory reference | ACGIH 2023 | |
| MYRCENE (123-35-3) | | |
| No additional information available | | |
| I-Limonene (5989-54-8) | | |
| No additional information available | | |
| dl-Camphor (21368-68-3) | | |
| No additional information available | | |
| P-MENTHADIENE (555-10-2) | | |
| No additional information available | | |
| GAMMA-TERPINENE (99-85-4) | | |
| No additional information available | | |
| P-CYMENE (99-87-6) | | |
| No additional information available | | |

8.2. Appropriate engineering controls

Appropriate engineering controls Environmental exposure controls : Ensure good ventilation of the work station.: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.



| SECTION 9: Physical and chemical properties | | |
|---|---|--|
| 9.1. Information on basic physical and | d chemical properties | |
| Physical state | : Liquid | |
| Color | : COLORLESS TO PALE YELLOW LIQUID | |
| Odor | : CAMPHORACEOUS, WOODY ODOR, PLEASANT PINE ODOR | |
| Odor threshold | : No data available | |
| pH | : No data available | |
| Melting point | : Not applicable | |
| Freezing point | : No data available | |
| Boiling point | : No data available | |
| Flash point | : 42 °C | |
| Relative evaporation rate (butyl acetate=1) | : No data available | |
| 00/44/0000 | | |

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|---|---|
| Flammability (solid, gas) | : Not applicable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : 0.9115 (0.88 – 0.92) |
| Solubility | : Insoluble. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| 9.2. Other information | |
| Refractive index | : 1.47 (1.469 – 1.48) |
| SECTION 10: Stability and reactivity | |
| 10.1. Reactivity | |
| Flammable liquid and vapor. | |
| 10.2. Chemical stability | |
| Stable under normal conditions. | |
| 10.3. Possibility of hazardous reactions | |
| No dangerous reactions known under normal cor | nditions of use. |
| 10.4. Conditions to avoid | |
| Avoid contact with hot surfaces. Heat. No flames | , no sparks. Eliminate all sources of ignition. |
| 10.5. Incompatible materials | |
| No additional information available | |
| 10.6. Hazardous decomposition products | |
| Under normal conditions of storage and use, haz | ardous decomposition products should not be produced. |
| SECTION 11: Toxicological informati | ion |
| 11.1. Information on toxicological effects | |
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |
| CAMPHENE (79-92-5) | |
| LD50 dermal rabbit | > 2000 mg/kg body weight (Rabbit, Read-across, Skin) |
| PINENE (80-56-8) | |
| LD50 oral rat | > 500 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 01 day(s)) |
| LD50 dermal rat | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Skin, 14 day(s)) |
| ATE US (oral) | 500 mg/kg body weight |
| | |

| ATE US (oral) | 500 mg/kg body weight | |
|-----------------------------|------------------------|--|
| delta-3-Carene (13466-78-9) | | |
| ATE US (oral) | 4800 mg/kg body weight | |
| ATE US (gases) | 4500 ppmV/4h | |
| ATE US (vapors) | 11 mg/l/4h | |
| ATE US (dust, mist) | 1.5 mg/l/4h | |
| BETA-PINENE* (127-91-3) | | |
| LD50 oral rat | 4700 mg/kg (Rat, Oral) | |
| ATE US (oral) | 4700 mg/kg body weight | |

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| MYRCENE (123-35-3) | | |
|--|--|--|
| LD50 oral rat | > 11390 mg/kg body weight Animal: rat | |
| LD50 dermal rabbit | > 5000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) | |
| dl-Camphor (21368-68-3) | | |
| ATE US (oral) | 1500 mg/kg body weight | |
| ATE US (gases) | 4500 ppmV/4h | |
| ATE US (vapors) | 11 mg/l/4h | |
| ATE US (dust, mist) | 1.5 mg/l/4h | |
| GAMMA-TERPINENE (99-85-4) | | |
| ATE US (oral) | 3650 mg/kg body weight | |
| P-CYMENE (99-87-6) | | |
| LD50 oral rat | 4750 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s)) | |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) | |
| LC50 Inhalation - Rat | > 9.7 mg/l (5 h, Rat, Experimental value, Inhalation) | |
| ATE US (oral) | 4750 mg/kg body weight | |
| ATE US (gases) | 700 ppmV/4h | |
| ATE US (vapors) | 9.7 mg/l/4h | |
| ATE US (dust, mist) | 0.5 mg/l/4h | |
| | : Causes skin irritation. | |
| erious eye damage/irritation | : Causes serious eye damage. | |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. | |
| Germ cell mutagenicity | : Not classified | |
| 0, | | |
| Carcinogenicity | : Not classified | |
| MYRCENE (123-35-3) | | |
| IARC group | 2B - Possibly carcinogenic to humans | |
| | | |
| Reproductive toxicity | Suspected of damaging fertility or the unborn child. | |
| | Suspected of damaging fertility or the unborn child. May cause damage to organs. | |
| TOT-single exposure | | |
| TOT-single exposure dl-Camphor (21368-68-3) | : May cause damage to organs. | |
| TOT-single exposure dl-Camphor (21368-68-3) STOT-single exposure | | |
| TOT-single exposure dl-Camphor (21368-68-3) | : May cause damage to organs. May cause damage to organs. | |
| TOT-single exposure dI-Camphor (21368-68-3) STOT-single exposure TOT-repeated exposure MYRCENE (123-35-3) | : May cause damage to organs. May cause damage to organs. | |
| dI-Camphor (21368-68-3) STOT-single exposure STOT-repeated exposure MYRCENE (123-35-3) LOAEL (oral,rat,90 days) | May cause damage to organs. May cause damage to organs. Not classified 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-D Oral Toxicity Study in Rodents) | |
| TOT-single exposure dl-Camphor (21368-68-3) STOT-single exposure STOT-repeated exposure | May cause damage to organs. May cause damage to organs. Not classified 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-D Oral Toxicity Study in Rodents) 500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 | |
| dI-Camphor (21368-68-3) STOT-single exposure STOT-repeated exposure BTOT-repeated exposure MYRCENE (123-35-3) LOAEL (oral,rat,90 days) NOAEL (subchronic,oral,animal/male,90 days) NOAEL (subchronic,oral,animal/female,90 days) | May cause damage to organs. May cause damage to organs. Not classified 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-D Oral Toxicity Study in Rodents) 500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 4 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) | |
| dI-Camphor (21368-68-3) STOT-single exposure STOT-repeated exposure TOT-repeated exposure MYRCENE (123-35-3) LOAEL (oral,rat,90 days) NOAEL (subchronic,oral,animal/male,90 days) NOAEL (subchronic,oral,animal/female,90 days) | May cause damage to organs. May cause damage to organs. Not classified 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-D Oral Toxicity Study in Rodents) 500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) May be fatal if swallowed and enters airways. | |
| dI-Camphor (21368-68-3) STOT-single exposure STOT-repeated exposure TOT-repeated exposure MYRCENE (123-35-3) LOAEL (oral,rat,90 days) NOAEL (subchronic,oral,animal/male,90 days) NOAEL (subchronic,oral,animal/female,90 days) | May cause damage to organs. May cause damage to organs. Not classified 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-D Oral Toxicity Study in Rodents) 500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 4 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) | |
| GTOT-single exposure dl-Camphor (21368-68-3) STOT-single exposure STOT-repeated exposure STOT-repeated exposure MYRCENE (123-35-3) LOAEL (oral,rat,90 days) NOAEL (subchronic,oral,animal/male,90 days) NOAEL (subchronic,oral,animal/female,90 days) Aspiration hazard /iscosity, kinematic | May cause damage to organs. May cause damage to organs. Not classified 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-D Oral Toxicity Study in Rodents) 500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) May be fatal if swallowed and enters airways. No data available | |
| dI-Camphor (21368-68-3) STOT-single exposure STOT-repeated exposure BTOT-repeated exposure MYRCENE (123-35-3) LOAEL (oral,rat,90 days) NOAEL (subchronic,oral,animal/male,90 days) NOAEL (subchronic,oral,animal/female,90 days) | May cause damage to organs. May cause damage to organs. Not classified 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-D Oral Toxicity Study in Rodents) 500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) May be fatal if swallowed and enters airways. | |

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| ECTION 12: Ecological information | | |
|---|--|--|
| 2.1. Toxicity | | |
| cology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. | |
| CAMPHENE (79-92-5) | | |
| LC50 - Fish [1] | 0.72 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Flow-through system, Fresh water, Experimental value, GLP) | |
| EC50 - Crustacea [1] | 0.72 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi- static system, Fresh water, Experimental value, GLP) | |
| PINENE (80-56-8) | | |
| LC50 - Fish [1] | 0.303 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) | |
| EC50 - Crustacea [1] | 0.475 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi- static system, Fresh water, Experimental value, Locomotor effect) | |
| BETA-PINENE* (127-91-3) | | |
| LC50 - Fish [1] | 0.557 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio, Semi-static system, Fresh water, Weight of evidence, Other isomer) | |
| ErC50 algae | 0.826 mg/l (OECD 201: Alga, Growth Inhibition Test, 48 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Weight of evidence, Other isomer) | |
| MYRCENE (123-35-3) | | |
| EC50 - Crustacea [1] | 1.47 mg/l Test organisms (species): Daphnia magna | |
| I-Limonene (5989-54-8) | | |
| LC50 - Fish [1] | 0.71 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Similar product) | |
| EC50 - Crustacea [1] | 0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Similar product) | |
| | | |
| P-CYMENE (99-87-6) | 40 mg// (EDA ODDTS 050 4075 06 h. Cupringdon variagetus, Statis system, Salt water | |
| LC50 - Fish [1] | 48 mg/l (EPA OPPTS 850.1075, 96 h, Cyprinodon variegatus, Static system, Salt water, Experimental value) | |
| EC50 - Crustacea [1] | 3.7 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi- static system, Fresh water, Experimental value, GLP) | |
| 2.2. Persistence and degradability | | |
| CAMPHENE (79-92-5) | | |
| Persistence and degradability | Not readily biodegradable in water. | |
| PINENE (80-56-8) | | |
| Persistence and degradability | Readily biodegradable in water. | |
| BETA-PINENE* (127-91-3) | | |
| Persistence and degradability | Readily biodegradable in water. | |
| MYRCENE (123-35-3) | | |
| Persistence and degradability | Readily biodegradable in water. | |
| I-Limonene (5989-54-8) | , | |
| Persistence and degradability | Readily biodegradable in water. | |
| ThOD | $3.29 \text{ g } \text{O}_2/\text{g substance}$ | |
| | | |
| P-CYMENE (99-87-6) | | |
| Persistence and degradability | Readily biodegradable in water. | |
| 2.3. Bioaccumulative potential | | |
| CAMPHENE (79-92-5) | | |
| BCF - Fish [1] | 432 – 1290 (OECD 305: Bioconcentration: Flow-Through Fish Test, 8 week(s), Cyprinus carpio, Fresh water, Experimental value) | |
| Partition coefficient n-octanol/water (Log Pow) | 4.22 (Experimental value, Equivalent or similar to OECD 117, 37 °C) | |
| | | |

Potential for bioaccumulation ($500 \le BCF \le 5000$).

Bioaccumulative potential

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| PINENE (80-56-8) | |
|---|---|
| BCF - Other aquatic organisms [1] | 1233.1 – 1248 l/kg (BCFBAF v3.01, Read-across, Fresh weight) |
| Partition coefficient n-octanol/water (Log Pow) | 4.487 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential | Potential for bioaccumulation (500 \leq BCF \leq 5000). |
| BETA-PINENE* (127-91-3) | |
| BCF - Fish [1] | 1125 l/kg (BCFBAF v3.01, Pisces, Fresh water, QSAR, Other isomer) |
| Partition coefficient n-octanol/water (Log Pow) | 4.425 (Similar product, Read-across, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential | Potential for bioaccumulation ($4 \le Log \text{ Kow} \le 5$). |
| MYRCENE (123-35-3) | |
| Partition coefficient n-octanol/water (Log Pow) | 5.285 (Literature, 25 °C) |
| Bioaccumulative potential | High potential for bioaccumulation (Log Kow > 5). |
| I-Limonene (5989-54-8) | |
| BCF - Fish [1] | 683 l/kg (Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | 4.38 (Experimental value, Equivalent or similar to OECD 117, 37 °C) |
| Bioaccumulative potential | Potential for bioaccumulation ($4 \le Log \text{ Kow} \le 5$). |
| | |
| P-CYMENE (99-87-6) Partition coefficient n-octanol/water (Log Pow) | 4.8 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 |
| | °C) |
| Bioaccumulative potential | Potential for bioaccumulation ($4 \le Log \text{ Kow} \le 5$). |
| 2.4. Mobility in soil | |
| CAMPHENE (79-92-5) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.081 (log Koc, SRC PCKOCWIN v1.66, Calculated value) |
| Ecology - soil | Low potential for mobility in soil. |
| PINENE (80-56-8) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.009 – 3.853 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil | Low potential for mobility in soil. May be harmful to plant growth, blooming and fruit formation. |
| BETA-PINENE* (127-91-3) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.009 – 3.836 (log Koc, Calculated value, Other isomer) |
| Ecology - soil | Low potential for mobility in soil. |
| MYRCENE (123-35-3) | |
| Ecology - soil | No (test)data on mobility of the substance available. |
| I-Limonene (5989-54-8) | |
| Surface tension | No data available in the literature |
| Ecology - soil | Low potential for mobility in soil. |
| P-CYMENE (99-87-6) | |
| Surface tension | No data available in the literature |
| | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 4.17 (log Koc, SRC PCKOCWIN v2.0, QSAR) |

12.5. Other adverse effects

No additional information available

| SECTION 13: Disposal consideratio | ns |
|-----------------------------------|---|
| 13.1. Disposal methods | |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Additional information | : Flammable vapors may accumulate in the container. |

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SECTION 14: Transport information

| Department of | Transportation (| 1 |
|-----------------|------------------|-------|
| Bopartinonit of | ranoportation | / |

In accordance with DOT Transport document description (DOT)

UN-No.(DOT) Proper Shipping Name (DOT)

Class (DOT) Packing group (DOT) Hazard labels (DOT) : UN1266 Perfumery products (Regulated for Bulk only), 3, III

- : UN1266
- : Perfumery products
- (Regulated for Bulk only)
- : 3 Class 3 Flammable and combustible liquid 49 CFR 173.120
- : III Minor Danger
- : 3 Flammable liquid



: 203

| DOT Packaging Non Bulk (49 CFR 173.xxx) |
|---|
| DOT Packaging Bulk (49 CFR 173.xxx) |
| |

| DOT Packaging Bulk (49 CFR 173.xxx) | : | 242 |
|---|-------|--|
| DOT Special Provisions (49 CFR 172.102) | | B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HD2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T2 - 1.5 178.274(d)(2) Normal |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : | 150 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : | 60 L |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : | 220 L |
| DOT Vessel Stowage Location | : | A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. |
| Emergency Response Guide (ERG) Number | : | 127 |
| | | |
| Other information | : | No supplementary information available. |
| Other information Transportation of Dangerous Goods | : | No supplementary information available. |
| | | No supplementary information available. UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III |
| Transportation of Dangerous Goods | : | |
| Transportation of Dangerous Goods Transport document description (TDG) | : | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III |
| Transportation of Dangerous Goods Transport document description (TDG) UN-No. (TDG) | :: | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 |
| Transportation of Dangerous Goods Transport document description (TDG) UN-No. (TDG) Proper Shipping Name (TDG) | : : : | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS |
| Transportation of Dangerous Goods Transport document description (TDG) UN-No. (TDG) Proper Shipping Name (TDG) TDG Primary Hazard Classes | : : : | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS 3 - Class 3 - Flammable Liquids |
| Transportation of Dangerous Goods Transport document description (TDG) UN-No. (TDG) Proper Shipping Name (TDG) TDG Primary Hazard Classes Packing group (TDG) | | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS 3 - Class 3 - Flammable Liquids III - Minor Danger 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than |
| Transportation of Dangerous Goods Transport document description (TDG) UN-No. (TDG) Proper Shipping Name (TDG) TDG Primary Hazard Classes Packing group (TDG) TDG Special Provisions | | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS 3 - Class 3 - Flammable Liquids III - Minor Danger 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass). 5 L |
| Transportation of Dangerous Goods Transport document description (TDG) UN-No. (TDG) Proper Shipping Name (TDG) TDG Primary Hazard Classes Packing group (TDG) TDG Special Provisions Explosive Limit and Limited Quantity Index Passenger Carrying Road Vehicle or Passenger | | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS 3 - Class 3 - Flammable Liquids III - Minor Danger 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass). 5 L |
| Transportation of Dangerous GoodsTransport document description (TDG)UN-No. (TDG)Proper Shipping Name (TDG)TDG Primary Hazard ClassesPacking group (TDG)TDG Special ProvisionsExplosive Limit and Limited Quantity IndexPassenger Carrying Road Vehicle or PassengerCarrying Railway Vehicle Index | | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS 3 - Class 3 - Flammable Liquids III - Minor Danger 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass). 5 L |
| Transportation of Dangerous GoodsTransport document description (TDG)UN-No. (TDG)Proper Shipping Name (TDG)TDG Primary Hazard ClassesPacking group (TDG)TDG Special ProvisionsExplosive Limit and Limited Quantity IndexPassenger Carrying Road Vehicle or PassengerCarrying Railway Vehicle IndexTransport by sea | | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS 3 - Class 3 - Flammable Liquids III - Minor Danger 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass). 5 L 60 L |
| Transportation of Dangerous GoodsTransport document description (TDG)UN-No. (TDG)Proper Shipping Name (TDG)TDG Primary Hazard ClassesPacking group (TDG)TDG Special ProvisionsExplosive Limit and Limited Quantity IndexPassenger Carrying Road Vehicle or PassengerCarrying Railway Vehicle IndexTransport by seaTransport document description (IMDG) | | UN1266 PERFUMERY PRODUCTS (Regulated for Bulk only), 3, III UN1266 PERFUMERY PRODUCTS 3 - Class 3 - Flammable Liquids III - Minor Danger 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass). 5 L 60 L UN 1266 PERFUMERY PRODUCTS, 3, III |

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| Class (IMDG) | : 3 - Flammable liquids |
|---|---|
| Packing group (IMDG) Limited quantities (IMDG) | : III - substances presenting low danger : 5 L |
| · · · · · · · · · · · · · · · · · · · | |
| Air transport | |

Air transport

| : UN 1266 Perfumery products, 3, III |
|--------------------------------------|
| : 1266 |
| : Perfumery products |
| : 3 - Flammable Liquids |
| : III - Low danger |
| |

SECTION 15: Regulatory information

15.1. US Federal regulations

SPRUCE PURE

Listed on the United States TSCA (Toxic Substances Control Act) inventory

dl-Camphor (21368-68-3)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

| SPRUCE PURE | |
|---|--|
| Listed on the Canadian DSL (Domestic Substances List) | |
| | |
| CAMPHENE (79-92-5) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| PINENE (80-56-8) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| delta-3-Carene (13466-78-9) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| BETA-PINENE* (127-91-3) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| MYRCENE (123-35-3) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| I-Limonene (5989-54-8) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| dl-Camphor (21368-68-3) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| P-MENTHADIENE (555-10-2) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| GAMMA-TERPINENE (99-85-4) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| P-CYMENE (99-87-6) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| EU-Regulations | |

EU-Regulations

No additional information available

National regulations

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| according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations |
|--|
| CAMPHENE (79-92-5) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| PINENE (80-56-8) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| delta-3-Carene (13466-78-9) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |
| BETA-PINENE* (127-91-3) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| MYRCENE (123-35-3) |
| Listed on IARC (International Agency for Research on Cancer) Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| I-Limonene (5989-54-8) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |
| P-MENTHADIENE (555-10-2) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |
| GAMMA-TERPINENE (99-85-4) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| P-CYMENE (99-87-6) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| 15.3. US State regulations |
| This product can expose you to methyl eugenol, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. |

This product can expose you to myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Component | State or local regulations |
|-------------------|--|
| PINENE(80-56-8) | U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List |
| P-CYMENE(99-87-6) | U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) List |

SECTION 16: Other information

Revision date

: 09/11/2023

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| H226 | Flammable liquid and vapor |
|------|---|
| H227 | Combustible liquid |
| H221 | |
| H228 | Flammable solid |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H331 | Toxic if inhaled |
| H332 | Harmful if inhaled |
| H361 | Suspected of damaging fertility or the unborn child |
| H371 | May cause damage to organs |

SDS US (GHS HazCom 2012) - Lebermuth

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.