

# SAFETY DATA SHEET



Revision date 19-Jan-2021

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Organic Rapid Relief Essential Oil Blend

### Other means of identification

**Product Code(s)** FG00182

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Consumer use

**Restrictions on use** For external use only

### Details of the supplier of the safety data sheet

#### Supplier Address

Plant Therapy, LLC  
621 Washington St. S., Suite 100  
Twin Falls, ID 83301 USA

### Emergency telephone number

**Company Phone Number** 208-735-2413

**Emergency Telephone** 800-917-6577

## 2. Hazard(s) identification

### Classification

|                                   |             |
|-----------------------------------|-------------|
| Acute toxicity - Oral             | Category 4  |
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 2A |
| Respiratory sensitization         | Category 1  |
| Skin sensitization                | Category 1A |
| Germ cell mutagenicity            | Category 2  |
| Carcinogenicity                   | Category 2  |
| Aspiration hazard                 | Category 1  |
| Flammable liquids                 | Category 4  |

### Hazards not otherwise classified (HNOC)

Not applicable

**Label elements****Danger****Hazard statements**

Harmful if swallowed  
Causes skin irritation  
Causes serious eye irritation  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause an allergic skin reaction  
Suspected of causing genetic defects  
Suspected of causing cancer  
May be fatal if swallowed and enters airways  
Combustible liquid

**Appearance** Liquid**Physical state** Liquid**Odor** Characteristic**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection  
Do not eat, drink or smoke when using this product  
Wash face, hands and any exposed skin thoroughly after handling  
In case of inadequate ventilation wear respiratory protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing must not be allowed out of the workplace  
Keep away from flames and hot surfaces. - No smoking

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
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  
Take off contaminated clothing and wash it before reuse  
IF ON SKIN: Wash with plenty of water and soap  
If skin irritation or rash occurs: Get medical advice/attention  
IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor  
IF SWALLOWED: Immediately call a POISON CENTER or doctor  
Do NOT induce vomiting  
Rinse mouth  
In case of fire: Use CO2, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store locked up  
Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Unknown acute toxicity**

29.69 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

**Other information**

May be harmful in contact with skin. Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

### 3. Composition/information on ingredients

#### Substance

Not applicable.

#### Mixture

| Chemical name                           | CAS No    | Weight-% | Trade secret |
|---|-----------|----------|--------------|
| Peppermint Essential Oil, Organic       | 8006-90-4 | *        | *            |
| Clove Bud Essential Oil, Organic        | 8000-34-8 | *        | *            |
| Laurel Leaf Essential Oil, Organic      | 8002-41-3 | *        | *            |
| Black Pepper Essential Oil, Organic     | 8006-82-4 | *        | *            |
| Cinnamon Cassia Essential Oil, Organic  | 8007-80-5 | *        | *            |
| Ginger Root CO2 Extract, Organic        | 8007-08-7 | *        | *            |
| German Chamomile Essential Oil, Organic | 8002-66-2 | *        | *            |
| Juniper Berry Essential Oil, Organic    | 8002-68-4 | *        | *            |
| Thyme Thymol Essential Oil, Organic     | 8007-46-3 | *        | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

#### Description of first aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.  |
| <b>Inhalation</b>                         | May cause allergic respiratory reaction. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur. Remove to fresh air. |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.   |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.  |
| <b>Ingestion</b>                          | May produce an allergic reaction. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting.  |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition. See section 8 for more information. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.  |

#### Most important symptoms and effects, both acute and delayed

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | May cause allergy or asthma symptoms or breathing difficulties if inhaled. Itching. Rashes. Hives. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. May cause redness and tearing of the eyes. Burning sensation. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** May cause sensitization in susceptible persons. Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

**5. Fire-fighting measures**

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.  
**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. May cause sensitization by inhalation and skin contact. Product is or contains a sensitizer. May cause sensitization by skin contact.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** Yes.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**7. Handling and storage****Precautions for safe handling**

**Advice on safe handling** Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials. Keep containers tightly closed in a dry, cool and well-ventilated place.

**8. Exposure controls/personal protection****Control parameters****Exposure Limits**

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

**Appropriate engineering controls****Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tight sealing safety goggles.

**Hand protection**

Impervious gloves. Wear suitable gloves.

**Skin and body protection**

Long sleeved clothing. Wear suitable protective clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

|                |                          |
|----------------|--------------------------|
| Physical state | Liquid                   |
| Appearance     | Liquid                   |
| Color          | Characteristic           |
| Odor           | Characteristic           |
| Odor threshold | No information available |

**Property****Values****Remarks • Method**

|                                |                    |            |
|--------------------------------|--------------------|------------|
| pH                             | No data available  | None known |
| Melting point / freezing point | No data available  | None known |
| Boiling point / boiling range  | No data available  | None known |
| Flash point                    | 65.8 °C / 150.4 °F | None known |
| Evaporation rate               | No data available  | None known |

|  |                          |            |
|--|--------------------------|------------|
| Flammability (solid, gas)              | No data available        | None known |
| Flammability Limit in Air              |                          | None known |
| Upper flammability or explosive limits | No data available        |            |
| Lower flammability or explosive limits | No data available        |            |
| Vapor pressure                         | No data available        | None known |
| Vapor density                          | No data available        | None known |
| Relative density                       | 0.893                    | None known |
| Water solubility                       | No data available        | None known |
| Solubility(ies)                        | No data available        | None known |
| Partition coefficient                  | No data available        | None known |
| Autoignition temperature               | No data available        | None known |
| Decomposition temperature              |                          | None known |
| Kinematic viscosity                    | No data available        | None known |
| Dynamic viscosity                      | No data available        | None known |
| <b>Other information</b>               |                          |            |
| Explosive properties                   | No information available |            |
| Oxidizing properties                   | No information available |            |
| Softening point                        | No information available |            |
| Molecular weight                       | No information available |            |
| VOC Content (%)                        | No information available |            |
| Liquid Density                         | No information available |            |
| Bulk density                           | No information available |            |

## 10. Stability and reactivity

|                                    |  |
|------------------------------------|--|
| Reactivity                         | No information available.                            |
| Chemical stability                 | Stable under normal conditions.                      |
| Possibility of hazardous reactions | None under normal processing.                        |
| Conditions to avoid                | Heat, flames and sparks.                             |
| Incompatible materials             | Strong acids. Strong bases. Strong oxidizing agents. |
| Hazardous decomposition products   | None known based on information supplied.            |

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

|              |   |
|--------------|---|
| Inhalation   | May cause sensitization in susceptible persons. (based on components). Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.        |
| Eye contact  | Irritating to eyes. Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components).   |
| Skin contact | May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking. Causes skin irritation. (based on components). Specific test data for the substance or mixture is not available. |
| Ingestion    | May cause additional affects as listed under "Inhalation". Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause   |

gastrointestinal irritation, nausea, vomiting and diarrhea. Specific test data for the substance or mixture is not available. (based on components).

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Itching. Rashes. Hives. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.

### Acute toxicity

#### Numerical measures of toxicity

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

ATEmix (oral) 1,332.50 mg/kg  
ATEmix (dermal) 2,384.30 mg/kg

#### Unknown acute toxicity

29.69 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

### Component Information

| Chemical name                                     | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|---|----------------------|-------------------------|-----------------|
| Peppermint Essential Oil, Organic 8006-90-4       | = 2426 mg/kg ( Rat ) | -                       | -               |
| Clove Bud Essential Oil, Organic 8000-34-8        | = 1370 mg/kg ( Rat ) | = 1200 mg/kg ( Rabbit ) | -               |
| Cinnamon Cassia Essential Oil, Organic 8007-80-5  | = 2800 mg/kg ( Rat ) | = 320 mg/kg ( Rabbit )  | -               |
| Ginger Root CO2 Extract, Organic 8007-08-7        | > 5 g/kg ( Rat )     | -                       | -               |
| Juniper Berry Essential Oil, Organic 8002-68-4    | = 6280 mg/kg ( Rat ) | > 5 g/kg ( Rabbit )     | -               |
| German Chamomile Essential Oil, Organic 8002-66-2 | = 10 g/kg ( Rat )    | -                       | -               |
| Thyme Thymol Essential Oil, Organic 8007-46-3     | = 2840 mg/kg ( Rat ) | -                       | -               |

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

**Skin corrosion/irritation** Classification based on data available for ingredients. Irritating to skin.  
**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye irritation.  
**Respiratory or skin sensitization** May cause sensitization by inhalation. May cause sensitization by skin contact.  
**Germ cell mutagenicity** Contains a known or suspected mutagen. Classification based on data available for ingredients. Suspected of causing genetic defects.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Other adverse effects** No information available.

**Interactive effects** No information available.

**12. Ecological information**

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | Toxic to aquatic life. Toxic to aquatic life with long lasting effects. |
| <b>Persistence and degradability</b> | No information available.   |
| <b>Bioaccumulation</b>               | There is no data for this product.                                      |
| <b>Other adverse effects</b>         | No information available.   |

**13. Disposal considerations****Waste treatment methods**

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |

**14. Transport information**

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| <b>DOT</b>                        | Not regulated                       |
| <b>TDG</b>                        | No additional information available |
| <b>IATA</b>                       |                                     |
| <b>UN number</b>                  | UN1169                              |
| <b>UN proper shipping name</b>    | Extracts, aromatic, liquid          |
| <b>Transport hazard class(es)</b> | 3                                   |
| <b>Packing group</b>              | III                                 |
| <b>IMDG</b>                       |                                     |
| <b>UN number</b>                  | UN1169                              |
| <b>UN proper shipping name</b>    | Extracts, aromatic, liquid          |
| <b>Transport hazard class(es)</b> | 3                                   |
| <b>Packing group</b>              | III                                 |

**15. Regulatory information****International Inventories**

|             |          |
|-------------|----------|
| <b>TSCA</b> | Complies |
|-------------|----------|

| Chemical name                           | CAS No    | US TSCA Inventory listing | US TSCA active/inactive designation |
|---|-----------|---------------------------|-------------------------------------|
| Peppermint Essential Oil, Organic       | 8006-90-4 | Present                   | Active                              |
| Clove Bud Essential Oil, Organic        | 8000-34-8 | Present                   | Active                              |
| Laurel Leaf Essential Oil, Organic      | 8002-41-3 | Present                   | Active                              |
| Black Pepper Essential Oil, Organic     | 8006-82-4 | Present                   | Active                              |
| Cinnamon Cassia Essential Oil, Organic  | 8007-80-5 | Present                   | Active                              |
| Ginger Root CO2 Extract, Organic        | 8007-08-7 | Present                   | Active                              |
| German Chamomile Essential Oil, Organic | 8002-66-2 | Present                   | Active                              |
| Juniper Berry Essential Oil, Organic    | 8002-68-4 | Present                   | Active                              |



| Chemical name                       | CAS No    | US TSCA Inventory listing | US TSCA active/inactive designation |
|-------------------------------------|-----------|---------------------------|-------------------------------------|
| Thyme Thymol Essential Oil, Organic | 8007-46-3 | Present                   | Active                              |

|               |                 |
|---------------|-----------------|
| DSL/NDL       | Complies        |
| EINECS/ELINCS | Does not comply |
| ENCS          | Does not comply |
| IECSC         | Complies        |
| KECL          | Complies        |
| PICCS         | Complies        |
| AICS          | Complies        |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations****U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. Other information**

|                                   |                                  |                       |                           |   |
|-----------------------------------|----------------------------------|-----------------------|---------------------------|---|
| <b>NFPA</b>                       | <b>Health hazards</b> 2          | <b>Flammability</b> 2 | <b>Instability</b> 0      | <b>Physical and chemical properties</b> - |
| <b>HMIS</b>                       | <b>Health hazards</b> 2 *        | <b>Flammability</b> 2 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X              |
| <i>Chronic Hazard Star Legend</i> | <i>* = Chronic Health Hazard</i> |                       |                           |   |

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

**Revision date** 19-Jan-2021

**Revision Note** No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**