

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : February 9, 2023

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1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|------------------------|---|--|
| Product name | : | Lime - Key Lime (Natural Blend) Essential Oil |
| Country of Origin | : | Italy |
| Product use | : | Domestic and Industrial |
| Supplier | : | New Directions Aromatics Inc. |
| Address | : | 6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9 |
| Fax | : | 905-362-1926 |
| Telephone number | : | 905-362-1915 |
| Emergency phone number | : | (613)-996-6666 CANUTEC 24 HOUR EMERGENCY |

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable Liquids-Category 3

Skin Corrosion/irritation-Category 2

Skin Sensitization-Category 1

Aspiration Hazard-Category 1

Hazardous to the aquatic environment-Chronic Hazard, Category 2

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

| | |
|------|---|
| H226 | Flammable liquid and vapour |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H411 | Toxic to aquatic life with long-lasting effects |

Precautionary statement(s)

| | |
|----------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P261 | Avoid breathing dust/fumes/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| P273 | Avoid release to the environment. |

3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name | CAS NO | EC NO | Concentration |
|-----------------|-----------|-----------|---------------|
| Limonene | 5989-27-5 | 227-813-5 | 30 - 70% |
| Citral | 5392-40-5 | 226-394-6 | 0 - 2% |
| gamma-Terpinene | 99-85-4 | 202-794-6 | 2 - 20% |
| beta-Pinene | 127-91-3 | 204-872-5 | 0 - 10% |
| Neryl Acetate | 141-12-8 | 205-459-2 | 0 - 1% |
| beta-Bisabolene | 495-61-4 | N/A | 0 - 1% |
| Terpinolene | 586-62-9 | 209-578-0 | 2 - 12% |
| alpha-Terpineol | 98-55-5 | 202-680-6 | 1 - 10% |
| para-Cymene | 99-87-6 | 202-796-7 | 0 - 6% |
| Sabinen | 3387-41-5 | 222-212-4 | 0 - 4% |
| alpha-Terpinene | 99-86-5 | 202-795-1 | 0 - 1% |
| alpha-Pinene | 80-56-8 | 201-291-9 | 0 - 4% |
| Myrcene | 123-35-3 | 204-622-5 | 0 - 2% |

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Alcohol resistant foam, Carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|-------------------------------|---|--|
| Appearance | : | Clear, colorless to yellow oily liquid |
| Odor | : | Characteristic aroma |
| Odor threshold | : | Not available. |
| pH | : | Not available. |
| Melting Point/Freezing Point | : | Not available. |
| Initial b.p and boiling range | : | Not available. |
| Flash point | : | 49°C |
| Relative density | : | 0.8510 to 0.8610 @20°C |
| Refractive index | : | 1.4700 to 1.4800 @20°C |
| Optical rotation | : | +55° to +75° |

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong acids and oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not available.

Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

Persistence and degradability

Readily biodegradable

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number

1197

UN proper shipping name

Extracts, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG code

1197

IMDG-Marine pollution

Extracts, liquid

IATA Shipping Description (Air)

3

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

15. REGULATORY INFORMATION

California Proposition 65

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

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : February 09, 2023

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