




LIBERTY NATURAL PRODUCTS, INC.

*The Source for the Finest
Pure and Natural Botanical Oils and Extracts*

Section 1. Product and Company Identification

| | |
|-------------------------|--|
| Product Name: | ORANGE SWEET 5-FOLD USA |
| Product Code: | 2439 |
| Description: | Essential Oil |
| Product Use: | Industrial |
| Manufacturer: | Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427 |
| Emergency Phone: | USA, Canada, Mexico: 1-800-535-5053 International: 1-352-323-3500 |

Section 2. Hazards Identification

| | |
|-----------------------|---|
| Category: | H226 Flammable liquid and vapor. |
| Signal Word: | Warning |
| Ingestion: | H335 May cause respiratory irritation H302 Harmful if swallowed |
| Health Risks: | N/A |
| Eye Contact: | H320 Causes eye irritation |
| Skin Contact: | H315 Causes skin irritation. |
| Environmental: | N/A |
| Pictograms: |  |

PRECAUTIONARY STATEMENT:

- P210 Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting, communication, equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
- P264 Wash parts in contact thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing, eye protection, face protection.

Liberty Natural Products, Inc.

20949 S Harris Rd • Oregon City, Oregon • 97045 • USA.
sales@libertynatural.com • Telephone 1 (800) 289-8427 • Fax (503) 631-2424 •
www.libertynatural.com

Section 3. Composition and Information on Ingredients

| | |
|----------------------------|------------------------|
| Chemical Name: | <i>Citrus sinensis</i> |
| Physical State: | Liquid. |
| CAS #: | 8028-48-6 |
| Impurities: | None. |
| Trade Secret Claim: | None. |

Section 4. First Aid Measures

| | |
|-----------------------------|---|
| Eyes: | Flush immediately with plenty of water, continuing for 15 minutes. Seek medical advice. |
| Skin Contact: | Rinse and wash immediately with plenty of water and soap. |
| Inhalation: | Remove to fresh air. If symptoms persist, seek medical attention. |
| Ingestion in excess: | Rinse mouth with water then drink one glass of water. |
| Emergency Care: | Contact local emergency provider. For non-emergency, contact primary care provider. |
| PPE: | Gloves, lab coat or uniform, safety glasses, eyewash, safety shower. |

Section 5. Fire-Fighting Measures

| | |
|--|---|
| Flammability: | Flammable. |
| Extinguishing Media: | SUITABLE: CO ₂ , sand, extinguishing powder. NON SUITABLE: Water. |
| Special Fire-Fighting Procedure: | Smother to exclude air. Handle as an oil fire. |
| Unusual Fire and Explosion Hazards: | Essential and vegetable oils have the potential to self-heat and contribute to spontaneous combustion when present on fabrics. Caution should be exercised in the storage and launder of fabrics exposed to oils. |
| PPE and Precautions for Firefighters: | Firemen must wear self-contained breathing apparatus. |

Section 6. Accidental Release Measures

| | |
|-----------------------------------|---|
| Personal Precautions: | Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources. |
| Environmental Precautions: | Do not dispose in sewer or in any natural environment. |
| Containment: | Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas. |
| Clean Up: | Disposal must be made according to official regulations. In case of copious pouring out, absorb the liquid with sand soil or other adequate material. Clean the contaminated area with detergent and water. If the product arrives to the sewer system, advise the firemen immediately. |

Section 7. Handling and Storage

| | |
|------------------------------|--|
| Handling Precautions: | Avoid contact with eyes, skin and clothing. Use protective gloves. Minimize inhalation. Keep away from heat and eliminate all sources of ignition. |
| Storage Precautions: | Store tightly sealed, full containers in a cool, dry, well-ventilated area away from incompatible substances. |
| Other: | See Section 8 |

Liberty Natural Products, Inc.

20949 S Harris Rd • Oregon City, Oregon • 97045 • USA.

sales@libertynatural.com • Telephone 1 (800) 289-8427 • Fax (503) 631-2424 •

www.libertynatural.com

Section 8. Exposure Controls/Personal Protection

| | |
|---|---|
| Engineering Controls: | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Have safety shower near work area. Launder contaminated clothing before reuse. |
| Respiratory Protection: | Assure a good ventilation of work place. If vapor becomes high, use NIOSH approved respirator. |
| Hand Protection: | Use oil resistant gloves. |
| Eye Protection: | Safety glasses or goggles recommended. Have an eyewash station near work area. |
| Skin and Body Protection: | Oil resistant apron. Avoid skin exposure. |
| Ingestion: | Do not eat, drink and smoke while using. |
| Industrial Hygiene: | Provide ventilation of the work place to reduce concentrations of the vapor and product. |
| OSHA Permissible Exposure Limits (PELs): | N/A |
| ACGIH Threshold Limit Values: | N/A |

Section 9. Physical and Chemical Properties

| | |
|---|------------------------------|
| Appearance: | Orange to dark orange liquid |
| Upper/Lower Flammability: | N/A |
| Odor: | Citrus odor |
| Vapor Pressure: | N/A |
| Odor Threshold: | N/A |
| Vapor Density: | N/A |
| pH: | N/A |
| Relative Density: | N/A |
| Melting Point: | N/A |
| Freezing Point: | N/A |
| Solubility: | Insoluble |
| Initial Boiling Point and Boiling Range: | 176°C / 349°F |
| Flash Point: | 54°C / 129°F |
| Evaporation Rate: | N/A |
| Flammability Category: | N/A |
| Partition Coefficient: | N/A |
| Auto-ignition Temperature: | N/A |
| Decomposition Temperature: | N/A |
| Viscosity: | N/A |
| Specific Gravity: | 0.858 - 0.873 |

Section 10. Stability and Reactivity

| | |
|------------------------------|--|
| Stability: | Stable under normal circumstances. Avoid heat and ignition sources. |
| Avoid: | Heat, flames, sparks and strong oxidizing agents. Prolonged exposure to light. |
| Incompatibility: | Strong acidic or oxidizing agents. |
| Hazardous Byproducts: | None in normal conditions. Carbon oxides and smoke produced upon combustion. |
| Other: | None |

Liberty Natural Products, Inc.

20949 S Harris Rd • Oregon City, Oregon • 97045 • USA.

sales@libertynatural.com • Telephone 1 (800) 289-8427 • Fax (503) 631-2424 •

www.libertynatural.com

Section 11. Toxicological Information

| | |
|--|---|
| Toxicological and Health Effects: | Can be noxious. |
| Likely Routes of Exposure: | Eyes, nose, mouth, skin. |
| Signs and Symptoms of Exposure: | See Section 2. Hazards Identification. |
| LD50 (median lethal dose): | N/A |
| Listed NTP Carcinogen: | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. |
| INGESTION: | N/A |

Section 12. Ecological Information

| | |
|--|---|
| TOXICITY: | See Section 2 |
| PERSISTENCE / DEGRADABILITY: | No information available. |
| BIOACCUMULATION POTENTIAL: | May cause long lasting harmful effects to aquatic life. |
| RESULTS OF PBT AND vPvB ASSESSMENT: | No information available. |
| MOBILITY IN SOIL: | No information available. |
| OTHER ADVERSE EFFECTS: | Not known. |

Section 13. Disposal Considerations

| | |
|--------------------------------|--|
| Disposal Containers: | Vapors may collect in empty containers. Rinse or evaporate thoroughly. |
| Waste Disposal: | Incinerate or dispose of in accordance with local laws, or handle through EPA Spill control plan via landfill or dilution. |
| Special Considerations: | Dispose of spill containment material in accordance with Federal, State, and local laws. |

Section 14. Transport Information

| | |
|--------------------------------|----------------------------|
| UN Number | 1169 |
| UN Shipping Name: | EXTRACTS, AROMATIC, LIQUID |
| Transport Hazard Class: | 3 |
| Packing Group Number: | III |
| Stowage and Handling: | N/A |

Section 15. Regulatory Information

| | |
|-----------------------------|-----|
| Product Regulations: | N/A |
|-----------------------------|-----|

Section 16. Other Information

| | | |
|----------------------|----------|-------------------------------|
| Last Revised: | 6/8/2020 | Initial of Author: SAM |
|----------------------|----------|-------------------------------|

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards

Liberty Natural Products, Inc.

20949 S Harris Rd • Oregon City, Oregon • 97045 • USA.
sales@libertynatural.com • Telephone 1 (800) 289-8427 • Fax (503) 631-2424 •
www.libertynatural.com

connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

Liberty Natural Products, Inc.

20949 S Harris Rd • Oregon City, Oregon • 97045 • USA.
sales@libertynatural.com • Telephone 1 (800) 289-8427 • Fax (503) 631-2424 •
www.libertynatural.com