

**MATERIAL SAFETY DATA SHEET - MSDS**

*Efficacious Ingredients \* Hygienically Stored & Processed \* Convenient Deliveries*

**Product Name:** Sweet Orange Essential Oil

**INCI:** Citrus Sinensis (Orange) Peel Oil

**CAS Numbers:** 8008-57-9

**EC Numbers:** 232-433-8

**Recommended Use.** Raw Material For Topical Cosmetic Products

**Supplier:** Skin Foodie  
21, Joel Ogunniake Street  
GRA, Ikeja  
Lagos, Nigeria

**Telephone No.** +234-908-269 -8013

**Email:** [Hello@skinfoodie.com.ng](mailto:Hello@skinfoodie.com.ng)

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**SECTION 1: GENERAL INFORMATION AND CHEMICAL PRODUCT IDENTIFICATION**

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**CAS Numbers:** 8008-57-9

**EINECS Numbers:** 232-433-8

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**SECTION 2: HAZARD IDENTIFICATION**

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**EMERGENCY OVERVIEW:** This product is an orange to deep orange liquid with an orange odour.

**Health Hazards:** May cause skin and eye irritation. Can cause allergic reaction in contact with skin. May be harmful if swallowed. May be an aspiration hazard.

**Flammability Hazards:** This product is considered a combustible liquid with a flashpoint of 54 °C (130°F).

**Reactivity Hazards:** No data available.

**Environmental Hazards:** No specific data available on this product.

US DOT Symbols:



EU and GHS Symbols:



Signal Word:

**Danger!**

**EU Labeling and Classification:**

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**Components Contributing to Classification:**

Citrus Sinensis

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**Label Elements:**

**GHS Hazard Classifications:**

Flammable Liquid Category 3  
Acute Toxicity Category 4 (Oral)  
Skin Irritation Category 2  
Skin Sensitization Category 1  
Aspiration Hazard Category 1  
Aquatic Acute Category 1  
Aquatic Chronic Category 1

**Hazard Statements:**

H226 Flammable liquid and vapour  
H302 Harmful if swallowed  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H304 May be fatal if swallowed and enters airways  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects

**Prevention Statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash area affected thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
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.

**Response Statements:**

P370+P378 In case of fire: See Section 5 for appropriate media to extinguish.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor if you feel unwell.  
P330 Rinse mouth.  
P331 Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P321 Specific treatment (See Section 4 of this SDS).  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local regulations.

**Storage Statements:**

**Disposal Statements:**

**Health Hazards or Risks From Exposure:**

**Symptoms of Overexposure by Route of Exposure:**

The most significant routes of overexposure for this product are by contact with skin. The symptoms of overexposure are described in the following paragraphs.

**Acute:**

Inhalation: May be harmful if inhaled. May cause respiratory or irritation.

Skin Contact: May cause skin irritation upon direct contact. May cause allergic reaction.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed. Aspiration hazard.

**Chronic:** No data available.

**Target Organs:**

Acute: Skin, Eyes, Respiratory System

Chronic: No data available

**SECTION 3: INFORMATION ON INGREDIENTS****Type of Product:**

Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
Citrus Sinensis	100%	8008-57-9	232-433-8	Flammable Liquid Category 3, Acute Toxicity Category 4 (Oral), Skin Irritation Category 2, Skin Sensitization Category 1, Aspiration Hazard Category 1, Aquatic Acute / Chronic Category 1

**SECTION 4: FIRST AID MEASURES****Description of First Aid Measures:****Eye Contact:**

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Seek medical attention if irritation persists.

**Skin Contact:**

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

**Inhalation:**

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**Ingestion:**

If product is swallowed, call physician or poison center if you feel unwell. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**Medical Conditions Generally Aggravated by Exposure:**

No data available

**Symptoms and Effects Both Acute and Delayed:**

Contact with skin and eyes may cause irritation. May cause an allergic reaction of the skin.

**Recommendations to Physicians:**

Treat symptoms and eliminate overexposure.

**SECTION 5: EXPLOSION AND FIRE-FIGHTING MEASURES****Fire Extinguishing Materials:**

Use the following fire extinguishing materials:

**Water Spray:** No**Foam:** Yes**Halon:** Yes**Carbon Dioxide:** Yes**Dry Chemical:** Yes**Other:** Any "B" Class**Unusual Fire and Explosion Hazards:**

Use of water is not a suitable extinguishing material. In the event of a fire: formation of dangerous fumes possible.

Explosive Sensitivity to Mechanical Impact:

No

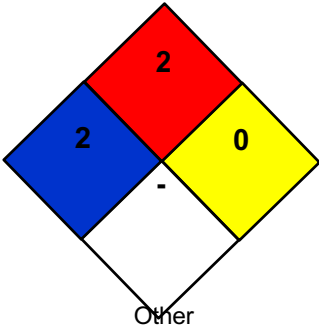


Explosive Sensitivity to Static Discharge:

No

**Special Fire-Fighting Procedures:**

- Incipient fire responders should wear eye protection.
- Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.
- Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.
- If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

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NFPA RATING SYSTEM		HMIS RATING SYSTEM HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
Flammability		HEALTH HAZARD (BLUE)		2	
Health		FLAMMABILITY HAZARD (RED)		2	
Reactivity		PHYSICAL HAZARD (YELLOW)		0	
Other		<b>PROTECTIVE EQUIPMENT</b>			
		EYES	RESPIRATORY	HANDS	BODY
			See Sect 8		See Sect 8
Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard					

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## SECTION 6: ACCIDENTAL RELEASE/SPILL PROCEDURES

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### Personal Precautions, Protective Equipment and Emergency Procedures:

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

### Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

### Spill and Leak Response:

#### Small Spills:

- Collect material via broom or mop. Place in tightly sealed containers for proper disposal.
- Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.

#### Large Spills:

- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

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## SECTION 7: HANDLING AND STORAGE

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### Precautions for Safe Handling:

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling.

### Storage and Handling Practices:

Keep away from oxidizing agents. Store in a cool, dry location, in a sealed container in a well-ventilated area away from sources of

ignition.

**Specific Uses:**

Personal care formulations.

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**SECTION 8: PERSONAL PROTECTION**

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**Exposure Parameters:**

<u>Ingredients</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>NIOSH PEL</u>
Citrus Sinensis	8008-57-9	Not listed	Not listed

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**Exposure Controls:**

**Ventilation and Engineering Controls:**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**Respiratory Protection:**

Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**Eye Protection:**

Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**Hand Protection:**

Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**Body Protection:**

Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**Information on Basic Physical and Chemical Properties:**

**Appearance (Physical State and Color):** This product is an orange to deep orange liquid with an orange odour.

**Odour:** Orange odor

**Odor Threshold:** Not Available

**pH:** Not Available

**Melting/Freezing Point:** Not Available

**Boiling Point:** 176 °C (349°F)

**Flash Point:** 54 °C (130°F)

**Evaporation Rate:** Not Available

**Flammability (Solid; Gas):** Not Available

**Upper/Lower Flammability or Explosion Limits:** Not Available

**Vapor Pressure (mm Hg @ 20°C (68°F):** Not Available

**Vapor Density:** Not Available

**Relative Density:** Not Available

**Specific Gravity:** Not Available

**Solubility in Water:** Not Available

**Weight per Gallon:** Not Available

**Partition Coefficient (n-octanol/water):** Not Available

**Auto-Ignition Temperature:** Not Available

**Decomposition Temperature:** Not Available

**Viscosity:** Not Available



**Other Information:** No additional information available at this time.

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## SECTION 10: STABILITY AND REACTIVITY

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**Reactivity:**

This product is not reactive.

**Stability:**

Stable under conditions of normal storage and use.

**Possibility of Hazardous Reactions:**

Will not occur.

**Conditions to Avoid:**

Heat, open flame, sun light

**Incompatible Substances:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

No data available.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**Information on Toxicological Effects:**

No specific data available for this product.

**Suspected Cancer Agent:**

Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

**Irritancy:**

Expected to be a skin and eye irritant

**Sensitization to the Product:**

This product is expected to cause respiratory and skin sensitization.

**Reproductive Toxicity:**

No specific information is available concerning the effects of this product and its components on the human reproductive system.

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## SECTION 12: ECOLOGICAL INFORMATION

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**Toxicity:**

No specific data available on this product.

**Persistence and Degradability:**

No specific data available on this product.

**Bioaccumulative Potential:**

No specific data available on this product.

**Mobility in Soil:**

No specific data available on this product.

**Results of PBT and vPvB Assessment:**

No specific data available on this product.

**Other Adverse Effects:**

No data available

**Water Endangerment Class:**

At present, there are no ecotoxicological assessments for this product.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**Waste Treatment Methods:**

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

**EU Waste Code:**

Not determined

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## SECTION 14: TRANSPORT INFORMATION

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**US DOT, IATA, IMO, ADR:**

**U.S. Department of Transportation (DOT) Shipping Regulations:**

*This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.*

<b>UN Identification Number:</b>	UN2319
<b>Proper Shipping Name:</b>	TERPENE HYDROCARBONS, N.O.S
<b>Hazard Class Number and Description:</b>	Class 3 – Flammable Liquid
<b>Packing Group:</b>	III
<b>DOT Label(s) Required:</b>	Flammable Liquid
<b>North American Emergency Response Guidebook Number:</b>	128
<b>RQ Quantity:</b>	None
<b><u>Environmental Hazards:</u></b>	

**Marine Pollutant:**

The components of this product are designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

**Special Precaution for User:**

When shipping with inner packaging not over 5.0L (1.3 gal) may be shipped as limited quantities.

**International Air Transport Association Shipping Information (IATA):**

**International Maritime Organization Shipping Information (IMO):**

**Transport in Bulk According to Annex II of Marpol73/78 and IBC Code:**

European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR:)

This product is considered as dangerous goods. This product is considered as dangerous goods.

This product is considered by the United Nations Economic Commission for Europe to be dangerous goods.

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## SECTION 15: REGULATORY INFORMATION

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### **Safety, Health and Environmental Regulations Specific for the Substance or Mixture:**

#### **United States Regulations:**

##### **U.S. SARA Reporting Requirements:**

The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None

##### **U.S. SARA Threshold Planning Quantity:**

There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

##### **U.S. CERCLA Reportable Quantity:**

None

##### **U.S. TSCA Inventory Status:**

The components of this product are listed on the TSCA Inventory or are exempted from listing.

##### **Other U.S. Federal Regulations:**

None known

##### **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):**

This product does not contain ingredients on the Proposition 65 Lists.

#### **Canadian Regulations:**

##### **Canadian DSL/NDSL Inventory Status:**

Components are DSL Listed, NDSL Listed and/or are exempt from listing

##### **Other Canadian Regulations:**

Not applicable

##### **Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

##### **Canadian WHMIS Classification and Symbols:**

This product is classified per WHMIS Controlled Product Regulations.

#### **European Economic Community Information:**

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

##### **Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

##### **Australian Information for Product:**

Components of this product are listed on the International Chemical Inventory list.

##### **Japanese Information for Product:**

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

##### **International Chemical Inventories:**

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing and New Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

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## SECTION 16: OTHER INFORMATION

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### DISCLAIMER

Technical information and suggestions for use including any formulations and / or procedures are believed to be correct. However, this does not constitute a guarantee of the accuracy of the information contained herein. Confirming tests in your own laboratory or facility are recommended. This information is for general research purposes only and is not a representation or warranty of any kind. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use. The information contained in this certificate of analysis and material safety data sheet are obtained from current and reliable sources. As the use(s) of this product is outside the control of skin foodie, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained.

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