

# SAFETY DATA SHEET

## WATERMELON ZEST FRAGRANCE OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Watermelon Zest Fragrance Oil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

#### Classification of the substance or mixture

#### Class and category of danger:

Skin Corrosion / Irritation Category 3

Hazardous to the Aquatic Environment - Acute Hazard Category 3

Hazardous to the Aquatic Environment - Long-term Hazard Category 3

H316, Causes mild skin irritation.

H412, Harmful to aquatic life with long lasting effects.

#### Label elements

**Signal word:** Warning

#### Hazard statements:

H316, Causes mild skin irritation.

H412, Harmful to aquatic life with long lasting effects.

#### Precautionary statements:

P273, Avoid release to the environment.

P332/313, If skin irritation occurs: Get medical advice/attention.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:** None

**Other hazards Other hazards:** None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Contains:**

Name	CAS	%	GHS Classification
Methyl dihydrojasmonate	24851-98-7	1-<5%	Aquatic Acute 3;H402
Allyl cyclohexanepropionate	2705-87-5	0.1-<1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Sens. 1- Aquatic Acute 1-Aquatic Chronic 1;H302-H312-H317- H332-H410
Citral	5392-40-5	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1-Aquatic Acute 2; H313-H315-H317-H319-H401
Methyl 2-nonenolate	111-79-5	0.1-<1%	Flam. Liq. 4-Aquatic Acute 1-Aquatic Chronic 2;H227-H400-H411
2,6-Dimethyl-5-heptenal	106-72-9	0.1-<1%	Flam. Liq. 4-Skin Sens. 1B-Aquatic Acute 2;H227-H317-H401
Ethyl hexanoate	123-66-0	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Aquatic Acute 2;H226-H315- H401
alpha-Methyl-1,3-benzodioxole5-propionaldehyde	1205-17-0	0.1-<1%	Acute Tox. 5-Skin Sens. 1B-Repr. 2-Aquatic Acute 2- Aquatic Chronic 2;H303-H317-H361-H411
2,4-Dimethyl-3-cyclohexen-1- carboxaldehyde	68039-49-6	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H315-H317-H319-H411
Allyl hexanoate	123-68-2	0.1-<1%	Flam. Liq. 4-Acute Tox. 3-Acute Tox. 3-Acute Tox. 3- Aquatic Acute 1-Aquatic Chronic 3;H227-H301-H311-H331-H400-H412
Ethyl isovalerate	108-64-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Aquatic Acute 2;H226-H315- H401
METHYL OCTINE CARBONATE	111-80-8	<0.1%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 1-Aquatic

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			Chronic 3;H302-H313-H315-H317-H400- H412
Cinnamaldehyde	104-55-2	<0.1%	Acute Tox. 5-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1A-Aquatic Acute 2-Aquatic Chronic 3;H303- H312-H315-H317-H319-H401-H41 2

**Substances with workplace exposure limits, not listed above:**

Not Applicable

**4. FIRST AID MEASURES**

**Description of first aid measures**

**Inhalation:**

Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:**

Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin exposure:**

Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

**Ingestion:**

Rinse mouth with water and obtain medical attention.

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

Causes mild skin irritation.

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

None expected, see Section 4.1 for further information.

**5. FIRE FIGHTING MEASURES**

**Extinguishing media Suitable media:**

Suitable media: Carbon dioxide, Dry chemical, Foam.

**Special hazards arising from the substance or mixture**

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

**Advice for fire fighters:**

In case of insufficient ventilation, wear suitable respiratory equipment.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

**Environmental precautions:**

Keep away from drains, surface and ground water, and soil.

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

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

**Reference to other sections:**

Also refer to sections 8 and 13.

**7. HANDLING AND STORAGE**

**Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Specific end use(s):**

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Workplace exposure limits:** Not Applicable

**Exposure Controls**

**Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

**Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel:

- a) Increase ventilation of the area with local exhaust ventilation.
- b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters.
- c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Free flowing liquid without sediment
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	> 93 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	0.9750 - 0.9850
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined

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<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**Other information:**

Refractive Index @ 20C: 1.4769 - 1.4869  
 Flash Point (Fahrenheit): > 200 °F  
 Calculated VOC: 0.00  
 Color Range: Colorless - 2 Very Pale Yellow

**10. STABILITY AND REACTIVITY**

**Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical stability:**

Good stability under normal storage conditions.

**Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**Conditions to avoid:**

Avoid extreme heat.

**Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:**

Not expected.

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

**Acute Toxicity:** Based on available data the classification criteria are not met.

Acute Toxicity Oral >5000

Acute Toxicity Dermal >5000

Acute Toxicity Inhalation Not Available

**Skin corrosion/irritation:** Skin Corrosion / Irritation Category 3

**Serious eye damage/irritation:** Based on available data the classification criteria are not met.

**Respiratory or skin sensitisation:** Based on available data the classification criteria are not met.

**Germ cell mutagenicity:** Based on available data the classification criteria are not met.

**Carcinogenicity:** Based on available data the classification criteria are not met.

**Reproductive toxicity:** Based on available data the classification criteria are not met.

**STOT-single exposure:** Based on available data the classification criteria are not met.

**STOT-repeated exposure:** Based on available data the classification criteria are not met.

**Aspiration hazard:** Based on available data the classification criteria are not met.

**Information about hazardous ingredients in the mixture**

Ingredient	CAS	LD50/AT E Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Allyl hexanoate	123-68-2	300	300	3	Not available

Refer to Sections 2 and 3 for additional information.

**12. ECOLOGICAL INFORMATION**

**Toxicity:**

Harmful to aquatic life with long lasting effects.

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Not available

**Other adverse effects:** Not available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods:**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. TRANSPORT INFORMATION**

	UN number:	UN Proper Shipping Name:	Transport hazard class (es):	Sub Risk:	Packing Group:

<b>UN Model Regulations</b>	Not classified	-	-	-	-
<b>IMDG</b>	Not classified	-	-	-	-
<b>ADR,RID,ADN</b>	Not classified	-	-	-	-
<b>ICAO TI</b>	Not classified	-	-	-	-

**Environmental hazards:**

Not environmentally hazardous for transport

**Special precautions for user:**

None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not classified

**15. REGULATORY INFORMATION**

Components listed on California's SB312

<b>Name</b>	<b>CAS</b>	<b>%</b>
DIOCTYL ADIPATE ( S ) "DOA"	103-23-1	50-100%
BENZYL BENZOATE	120-51-4	20-<50%
CITRAL	5392-40-5	0.1-<1%
CINNAMIC ALDEHYDE	104-55-2	<0.1%
EUGENOL	97-53-0	<0.1%

US Department Of Transport Bulk Packing Group: -

**16. OTHER INFORMATION**

**Concentration % Limits:**

SCI 3=77.47% EH A3=16.68% EH C3=34.72%



**Total Fractional Values:**

SCI 3=1.29 EH A3=6.00 EH C3=2.88

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