

# SAFETY DATA SHEET

DATE ISSUED : 12/3/2020



## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Grapefruit & Greens

**PRODUCT TYPE:** Perfumery Compound (Mixture)

**PRODUCT RECOMMENDED USE:** Compound used in customer substance/ mixture / product.

### MANUFACTURER

NorthWood Distributing, LLC

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Belle Plaine, MN 56011

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952-679-4058

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION:

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard Class	Category	Hazard Class & Category	Hazard Statement
A.4S	Skin sensitization	1	Skin Sens. 1	H317
B.6	Flammable liquid	4	Flam. Liq. 4	H227
A.1I	acute toxicity (inhal.)	4	Acute Tox. 4	H332

### The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

### GHS LABEL ELEMENTS:

#### HAZARD PICTOGRAM



**SIGNAL WORD:** Warning

### HAZARD STATEMENTS:

H226 Flammable liquid and vapor.

H227 Combustible liquid.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

**PRECAUTIONARY STATEMENTS:**

P201 Obtain special instructions before use.

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 If on skin: Wash with plenty of water.

P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.

P312 Call a poison center/doctor if you feel unwell.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container to industrial combustion plant.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %
2,6-dimethyloct-7-en-2-ol	18479-58-8	10% to <25%
3,7-dimethylocta-1,6-dien-3-ol	78-70-6	5% to <10%
2-phenylethyl acetate	60-12-8 103-45-7	5% to <10%
3,7-dimethylocta-1,6-dien-3-yl acetate	115-95-7	1% to <5%
Essential oil of Salvia sclarea (Lamiaceae) obtained from leaves, flowers and twigs by steam distillation	93-92-5 84775-83-7	1% to <5%
(2E)-3,7-dimethylocta-2,6-dienal	5392-40-5	<1%

**INGREDIENTS:**

The identity of the specific components of this mixture is proprietary information and is regarded to be a trade secret, in accordance with Paragraph 1910.1200 of Title 29 of the Code of Federal Regulations. Please refer to Section 2 for Health Hazard Identification based on the evaluation of the individual components.

**4. FIRST AID MEASURES**

**General notes**

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

**EYES:**

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

**SKIN:**

Wash with plenty of soap and water.

**INGESTION:**

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

**INHALATION:**

Remove from exposure to fresh air. If breathing has stopped or is difficult, administer artificial respiration and oxygen if available. Seek medical attention immediately.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

In the event of a genuine medical emergency, additional information will be revealed to a qualified health professional.

**5. FIRE FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use the direct water jet on burning material.

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE /MIXTURE:** In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

**DURING FIREFIGHTING:** Water may be ineffective.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and other unidentified organic compounds.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Treat as a chemical fire. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

**ADVICE FOR FIREFIGHTERS:** In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

**6. ACCIDENTAL RELEASE MEASURES****ACCIDENTAL RELEASE MEASURES:**

Eliminate all ignition sources. Ventilate Area. Contain spill and absorb spill onto inert material. Place material into a suitable container and dispose of in accordance with local regulations. DO NOT leave soaked rags or paper in unsealed receptacles as spontaneous combustion may sometimes occur under certain circumstances.

**ENVIRONMENTAL PRECAUTIONS:**

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

**CONTAINMENT AND CLEANUP:**

- Advice on how to contain a spill
  - Covering of drains
- Advice on how to clean up a spill
  - Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder
- Appropriate containment techniques
  - Use of adsorbent materials.
- Other information relating to spills and releases
  - Place in appropriate containers for disposal. Ventilate affected area.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

**OTHER USE PRECAUTIONS:** Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

### HANDLING AND STORAGE:

Use splash goggles or face shield when eye contact is possible. Respiratory protection is not generally required, if desired use NIOSH approved organic vapor respirator. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Store in a cool, dry, well ventilated area away from all sources of heat or flame.

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

### ENVIRONMENTAL PRECAUTIONS:

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

### Managing of associated risks

- Explosive atmospheres
  - Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.
- Flammability hazards
  - Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.
- Ventilation requirements
  - Use local and general ventilation. Ground/bond container and receiving equipment.
- Packaging compatibilities
  - Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### Occupational exposure limit values (Workplace Exposure Limits)

Country	Substance	CAS	Identifier	TWA ppm	TWA [mg/m <sup>3</sup> ]	STEL ppm	STEL [mg/m <sup>3</sup> ]	Notation	Source
US	ethanoic acid phenylmethyl ester	140-11-4	TLV®	10					ACGIH® 2019
US	ethanoic acid phenylmethyl ester	140-11-4	PEL (CA)	10	61				Cal/ OSHA PEL
US	2,6-di-tert-butyl-4-methylphenol	128-37-0	PEL (CA)		10				Cal/ OSHA PEL
US	2,6-di-tert-butyl-4-methylphenol	128-37-0	REL		10 (10 h)				NIOSH REL
US	2,6-di-tert-butyl-4-methylphenol	128-37-0	TLV®		2			iv	ACGIH® 2019
US	(2E)-3,7-dimethylocta-2,6-dienal	5392-40-5	TLV®	5				iv	ACGIH® 2019

#### Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours timeweighted average (unless otherwise specified)

#### PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** If desired wear a NIOSH approved respirator. Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

**EYE PROTECTION:** Use tightly sealed splash goggles, face shield, or safety glasses with brow guards and side shields as may be appropriate.

**SKIN PROTECTION:** Avoid skin contact. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Use of a rubber apron is recommended when handling large quantities of this material.

**WORK/HYGIENIC PRACTICES:** Good personal hygiene practices should be used. Wash hands after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before using again.

**OTHER USE PRECAUTIONS:** None generally required.

**COMMENTS:** This material is intended for manufacturing use only. Contaminated equipment should be cleaned with soap and water. Do not discharge wash water into lakes, streams, ponds, or public waters.

#### APPROPRIATE ENGINEERING CONTROLS:

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**COLOR:** Pale yellow

**ODOR:** Conforms to Standard

**APPEARANCE:** Conforms to Standard

**FLASH POINT:** 165 F

**FLASH POINT METHOD:** CLOSED CUP

**AUTO-IGNITION TEMPERATURE:** 482 F

**BOILING POINT/RANGE:** 372.6 °F at 101.3 kPa

**MELTING POINT:** Not Determined

**VISCOSITY:** Liquid

**VAPOR PRESSURE:** <1 hPa at 20 °C

**VAPOR DENSITY:** Not Determined

**SOLUBILITY:** Oil

**PERCENT VOC:**

**SPECIFIC GRAVITY:** Not Available

**EVAPORATION RATE:** Not Available

**REFRACTIVE INDEX @ 25C:** Not Available

**SOLVENT CONTENT:** 95.75%

**SOLID CONTENT:** 4.253%

**TEMPERATURE CLASS (USA, acc. to NEC 500):** T2C (maximum permissible surface temperature on the equipment: 230°C)

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Product is stable under normal storage and use.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Known.

**CONDITIONS TO AVOID:** Excessive heat, sparks or open flame.

**MATERIALS TO AVOID:** Strong oxidizing agents or contamination with strong acids or alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**REACTIVITY:** Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.  
If heated: Risk of ignition

**INCOMPATIBLE MATERIALS:** Oxidizers

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY-ORAL:** Harmful if inhaled.

Acute toxicity estimate (ATE): Inhalation: vapor 12.38 mg/l/4h

**ACUTE TOXICITY- DERMAL:** Not classified - the classification criteria are not met

**ACUTE TOXICITY- INHALATION:** Not classified - the classification criteria are not met

**EYE CONTACT:** Not classified - the classification criteria are not met

**SKIN IRRITATION:** May cause an allergic skin reaction.

**RESPIRATORY SENSITIZATION:** Not classified - the classification criteria are not met

**TARGET ORGAN:** Single exposure: Not classified.

**GERM CELL MUTAGENICITY:** Not classified - the classification criteria are not met

**REPRODUCTIVE TOXICITY:** Not classified - the classification criteria are not met

**ASPIRATION HAZARD:** Not classified - the classification criteria are not met

## 12. ECOLOGICAL INFORMATION

**AQUATIC TOXICITY:** Very toxic to aquatic life with lasting effects.

**PERSISTENCE AND DEGRADABILITY:** No data Available

**BIO-ACCUMULATIVE POTENTIAL:** No data Available

**MOBILITY IN SOIL:** No data Available

**OTHER ADVERSE EFFECTS:** No data Available

**ECOTOXICOLOGICAL OTHER INFORMATION:** No data Available

### 13. DISPOSAL CONSIDERATIONS

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

### 14. TRANSPORT INFORMATION

<b>UN number</b>	3082
<b>UN proper shipping name</b> Technical name (hazardous ingredients)	Environmentally hazardous substance, liquid, n.o.s. BENZYL SALICYLATE, BUTYL HYDROXYTOLUENE BHT
<b>Transport hazard class(es)</b> Class	9
<b>Packing group</b>	III
<b>Environmental hazards</b> Environmentally hazardous substance (aquatic environment)	hazardous to the aquatic environment BENZYL SALICYLATE, BUTYL HYDROXYTOLUENE BHT

#### Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

#### Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Index number	UN3082
Proper shipping name - Particulars in the shipper's declaration	Environmentally hazardous substance, liquid, n.o.s. UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: BENZYL SALICYLATE, BUTYL HYDROXYTOLUENE BHT), 9, III
Class	9
Packing group	III
Danger label(s)	9, fish and tree
Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	8, 146, 173, 335, IB3, T4, TP1, TP29
ERG No	171

#### International Maritime Dangerous Goods Code (IMDG) - Additional information

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,





None of the ingredients are listed

**Industry or sector specific available guidance(s)**

**NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

Flammability 2

material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur

Health 2

temporary or minor injury may occur

**NFPA® 704**

Flammability 2

material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur

Health 2

material that, under emergency conditions, can cause temporary incapacitation or residual injury

**16. OTHER INFORMATION**

**DISCLAIMER:**

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