# SAFETY DATA SHEET

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|---|---|
| **DATE ISSUED :** | 1/31/2021 |
| **SDS REF. No :** | FG-3990 |

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Citrus & Oak

**PRODUCT TYPE:** Perfumery Compound (Mixture)
**PRODUCT RECOMMENDED USE:** Compound used in customer substance/ mixture / product.

**MANUFACTURER**
NorthWood Distributing, LLC
201 N Meridian Street
Belle Plaine, MN 56011
customercare@northwoodcandle.com
612-638-7407

## 2. HAZARDS IDENTIFICATION

**CLASSIFICATION:**
**Classification of the substance or mixture**
Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
**Section:** A.4S
**Hazard class:** Skin Sensitization
**Category Hazard class and category:** Skin Sens. 1
**Hazard statement:** H317
For full text of abbreviations: see SECTION 16.
**2.2 Label elements**
**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**
**- Signal word:** warning
**- Pictograms:** GHS07

**- Hazard statements:** H317 May cause an allergic skin reaction.

**PRECAUTIONARY STATEMENTS:**

| | |
|---|---|
| **P261** | **Avoid breathing dust/fume/gas/mist/vapors/spray.** |
| **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.** |
| **P321** | **Specific treatment (see on this label).** |
| **P333+P313** | **If skin irritation or rash occurs: Get medical advice/attention.** |
| **P363** | **Wash contaminated clothing before reuse.** |

**P501** **Dispose of contents/container to industrial combustion plant.**

**2.3 Other hazards**

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

Not relevant (mixture)

**3.2 Mixtures**

Description of the mixture

| Chemical Name | CAS Number | Classification acc. to GHS | Weight % |
|---|---|---|---|
| 3,7-dimethylocta-1,6-dien-3-ol | 78-70-6 | Skin Sens. 1B/H317<br>Flam. Liq. 4/H227 | <1 |
| (4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene | 5989-27-5 | Skin Irrit. 2/H315<br>Skin Sens. 1/H317<br>Flam. Liq. 3/H226 | <1 |

For full text of abbreviations: see SECTION 16.

## 4. FIRST AID MEASURES

**4.1 Description of 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.

**Following inhalation**

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

**Following skin contact**

Wash with plenty of soap and water.

**Following eye contact**

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.

**Following ingestion**

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

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

Symptoms and effects are not known to date.

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

none

## 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media**

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

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

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide ($CO_2$)

**5.3 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

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

**6.2 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.

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

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.

**6.4 Reference to other sections**

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

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.

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

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

**7.3 Specific end use(s)**

See section 16 for a general overview.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### 8.1 Control parameters

This information is not available.

### 8.2 Exposure controls

**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:** Clear

**ODOR:** Comparable to Standard

**APPEARANCE:** Liquid

**FLASH POINT:** 201 F

**pH (value):** Not Determined

**MELTING POINT/FREEZING POINT:** Not Determined

**INITIAL BOILING POINT AND BOILING RANGE:** 523.1 °F at 98.5 hPa

**EVAPORATION RATE:** Not Determined

**FLAMMABILITY (SOLID, GAS):** Not Relevant (fluid)

**EXPLOSIVE LIMITS:** Not Determined

**VAPOR PRESSURE:** 0.002 hPa at 25 °C

**DENSITY:** 0.9509 g/ml at 25 °C

**VAPOR DENSITY:** This information is not available

**SOLUBILITY:** Not Determined

**Partition Coefficient**
**- n-octanol/water (log KOW):** This information is not available

**AUTO-IGNITION TEMPERATURE:** 483.8 °F (auto-ignition temperature (liquids and gases))

**VISCOSITY:** Not determined

**EXPLOSIVE PROPERTIES:** None

**OXIDIZING PROPERTIES:** None

**9.2 OTHER INFORMATION**
**SOLVENT CONTENT:** 93.76%

**SOLID CONTENT:** 6.237%

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

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity**
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

**10.2 Chemical stability**
See below "Conditions to avoid".

**10.3 Possibility of hazardous reactions**
No known hazardous reactions.

**10.4 Conditions to avoid**
There are no specific conditions known which have to be avoided.

**10.5 Incompatible materials**
Oxidizers

**10.6 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.

## 11. TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects**

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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

**Acute toxicity**

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if inhaled.

**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

**Serious eye damage/eye irritation**

Shall not be classified as seriously damaging to the eye or eye irritant.

**Respiratory or skin sensitization**

May cause an allergic skin reaction.

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic.

**Carcinogenicity**

Shall not be classified as carcinogenic.

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity**

Very toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability**

Data are not available.

**12.3 Bioaccumulative potential**

Data are not available.

**12.4 Mobility in soil**

Data are not available.

**12.5 Results of PBT and vPvB assessment**

Data are not available.

**12.6 Other adverse effects**

Data are not available.

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.
Waste treatment of containers/packages
Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled.
Handle contaminated packages in the same way as the substance itself.
**Remarks**
Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## 14. TRANSPORT INFORMATION

**14.1 UN number** 3082
**14.2 UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.
Technical name (hazardous ingredients) HEXYL SALICYLATE, ISO AMYL ISO VALERATE
**14.3 Transport hazard class(es)**
Class 9 (environmentally hazardous)
**14.4 Packing group** III (substance presenting low danger)
**14.5 Environmental hazards** hazardous to the aquatic environment
Environmentally hazardous substance (aquatic environment)
HEXYL SALICYLATE, ISO AMYL ISO VALERATE
**14.6 Special precautions for user**
There is no additional information.
**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**
The cargo is not intended to be carried in bulk.

**Information for each of the UN Model Regulations**
**Transport of dangerous goods by road or rail (49 CFR US DOT)**

| | |
|---|---|
| Index number | 3082 |
| Proper shipping name | Environmentally hazardous substance, liquid, n.o.s. |
| - Particulars in the shipper's declaration | UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: HEXYL SALICYLATE, ISO AMYL ISO VALERATE), 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)**
UN number 3082
Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class 9
Marine pollutant yes (hazardous to the aquatic environment)
Packing group III
Danger label(s) 9, fish and tree
Special provisions (SP) 274, 335, 969
Excepted quantities (EQ) E1
Limited quantities (LQ) 5 L
EmS F-A, S-F
Stowage category A
**International Civil Aviation Organization (ICAO-IATA/DGR)**

UN number 3082
Proper shipping name Environmentally hazardous substance, liquid, n.o.s.
Class 9
Environmental hazards yes (hazardous to the aquatic environment)
Packing group III
Danger label(s) 9, fish and tree
Special provisions (SP) A97, A158, A197
Excepted quantities (EQ) E1
Limited quantities (LQ) 30 kg

## 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations specific for the product in question**
**National regulations (United States)**
**Superfund Amendment and Reauthorization Act (SARA TITLE III )**
- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
none of the ingredients are listed
- Specific Toxic Chemical Listings (EPCRA Section 313)
none of the ingredients are listed
**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**
- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)
none of the ingredients are listed
**Clean Air Act**
none of the ingredients are listed
**Right to Know Hazardous Substance List**
- Cleaning Product Right to Know Act Substance List (CA-RTK)

| Name of substance | CAS No | Authoritative Lists |
|---|---|---|
| (4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene | 5989-27-5 | EU Fragrance Allergens |

- Hazardous Substance List (NJ-RTK)

| Name of substance | CAS No | Remarks | Classifications |
|---|---|---|---|
| (4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene | 138-86-3 | | F2 |

Legend
F2 Flammable - Second Degree
- Hazardous Substance List (RI--RTK)
none of the ingredients are listed
**California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987**
none of the ingredients are listed
**Industry or sector specific available guidance(s)**
**NPCA-HMIS® III**
Hazardous Materials Identification System. American Coatings Association.

| Category | Rating | Description |
|---|---|---|
| Chronic | / | none |
| Health | 2 | temporary or minor injury may occur |
| Flammability | 1 | material that must be preheated before ignition can occur |
| Physical hazard | 0 | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | - | |

**NFPA® 704**
National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response

(United States).

| Category | Degree of hazard | Description |
|---|---|---|
| Flammability | 1 | material that must be preheated before ignition can occur |
| Health | 2 | material that, under emergency conditions, can cause temporary incapacitation or residual injury |
| Instability | 0 | material that is normally stable, even under fire conditions |
| Special hazard | | |

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## 16. OTHER INFORMATION

**Abbreviations and acronyms**

| Abbr. | Descriptions of used abbreviations |
|---|---|
| 49 CFR US DOT | 49 CFR U.S. Department of Transportation |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DOT | Department of Transportation (USA) |
| EmS | Emergency Schedule |
| ERG | No Emergency Response Guidebook - Number |
| Flam. Liq. | Flammable liquid |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| IUPAC | International Union of Pure and Applied Chemistry |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| NPCA-HMIS® III | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition |
| OSHA | Occupational Safety and Health Administration (United States) |
| PBT | Persistent, Bioaccumulative and Toxic |
| RTECS | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information) |
| Skin Corr. | Corrosive to skin |
| Skin Irrit. | Irritant to skin |
| Skin Sens. | Skin sensitization |
| vPvB | Very Persistent and very Bioaccumulative |

**Key literature references and sources for data**

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.
Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

**Classification procedure**

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture
(additivity formula).

**List of relevant phrases (code and full text as stated in chapter 2 and 3)**

| Code | Text |
|---|---|
| H226 | Flammable liquid and vapor. |
| H227 | Combustible liquid. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |

**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.