

# SAFETY DATA SHEET



DATE ISSUED :	12/3/2020

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Coco Mango

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

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

### MANUFACTURER

NorthWood Distributing, LLC

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## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION:

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

B.6 Flammable liquid Category 4 Flam. Liq. 4 H227

### GHS LABEL ELEMENTS:

**HAZARD PICTOGRAM:** None required

**SIGNAL WORD:** Warning

### HAZARD STATEMENTS:

H227 Combustible Liquid

H317 May cause an allergic skin reaction

### PRECAUTIONARY STATEMENTS:

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

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/eye protection/face protection.

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

P333+P313 If skin irritation or rash occurs: 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.

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

Chemical Name	CAS Number	Weight %
oct-1-en-3-ol	104-50-7 3391-86-4	5% to < 10%
2-methyl-3-[4-(propan-2-yl)phenyl]propanal	103-95-7	1% to < 5%
(2E,6E)-2,6-dimethyl-10-methylidenedodeca-2,6,11-trienal; (2E,6E,9E)-2,6,10-trimethyldodeca-2,6,9,11-tetraenal; (4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene; 3,7-dimethylocta-1,6-dien-3-ol; 7-methyl-3-methylideneocta-1,6-diene; octanal	8008-57-9 8028-48-6	1% to < 5%
prop-2-en-1-yl hexanoate	123-68-2	1% to < 5%
3-methylbutyl acetate	123-92-2	1% to < 5%
2-ethyl-3-hydroxy-4H-pyran-4-one	4940-11-8	1% to < 5%
ethyl 3-methylbutanoate	108-64-5	1% to < 5%
benzaldehyde	100-52-7	<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

Country	Substance	CAS	Identifier	TWA ppm	TWA [mg/m <sup>3</sup> ]	STEL ppm	STEL [mg/m <sup>3</sup> ]	Notation	Source
US	3-methylbutyl acetate	123-92-2	REL	100 (10 h)	525 (10 h)				NIOSH REL
US	3-methylbutyl acetate	123-92-2	PEL	100	525				29 CFR 1910.1000

US	3-methylbutyl acetate	123-92-2	PEL (CA)	50	226	100	532		Cal/ OSHA PEL
US	3-methylbutyl acetate	123-92-2	TLV®	50		100			ACGIH® 2019
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

**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:** 160 F

**FLASH POINT METHOD:** CLOSED CUP

**AUTO-IGNITION TEMPERATURE:** 447.8 °F

**BOILING POINT/RANGE:** 275.5 °F at 1,013 hPa

**MELTING POINT:** Not Determined

**VISCOSITY:** Liquid

**VAPOR PRESSURE:** 10.4 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:** 87.85%

**SOLID CONTENT:** 12.15%

**TEMPERATURE CLASS:** T2D (maximum permissible surface temperature on the equipment: 230°C)

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Product is stable under normal storage and use. The mixture contains reactive substance(s). Risk of ignition.

**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

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

**ACUTE TOXICITY-ORAL:** Shall not be classified as acutely toxic.  
GHS of the United Nations, annex 4: May be harmful if inhaled.

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

**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 long 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. BUTYL HYDROXYTOLUENE BHT, ALLYL CAPROATE
<b>Transport hazard class(es)</b> Class	9 (environmentally hazardous)
<b>Packing group</b>	III (substance presenting low danger)

**Environmental hazards**  
Environmentally hazardous substance (aquatic environment)      hazardous to the aquatic environment  
BUTYL HYDROXYTOLUENE BHT, ALLYL CAPROATE

**Special precautions for user**  
There is no additional information.

**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: BUTYL HYDROXYTOLUENE BHT, ALLYL CAPROATE), 9, III
- Reportable quantity(RQ)	270,270 lbs (122,703 kg) (ISO AMYL ACETATE) (ETHYL ACETATE)
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**

Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Marine pollutant	yes (hazardous to the aquatic environment)
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) - Additional information**

Environmental hazards	yes (hazardous to the aquatic environment)
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**

**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)

Name	CAS	Statutory Code	Final RQ lbs (Kg)
ISO AMYL ACETATE	123-92-2	1	5000 (2270)

#### **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)

3-methylbutyl acetate 123-92-2 1.0 %

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

- Hazardous Substances List (MN-ERTK)

Substance	References	Remarks
Ethyl Maltol	A	dust
ISO AMYL ACETATE (CAS) 123-92-2	A, O	

A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH

dust If the substance poses an airborne particulate exposure hazard, the substance is followed by the word "dust."

- Hazardous Substance List (NJ-RTK)

benzaldehyde (CAS 100-52-7) Flammable – Second Degree  
3-methylbutyl acetate (CAS 123-92-2) Flammable – Third Degree

- Hazardous Substance List (Chapter 323) (PA-RTK)

1-BUTANOL, 3-METHYL-, ACETATE (CAS 123-92-2) Environmental Hazard

- Hazardous Substance List (RI-RTK)

BENZALDEHYDE (CAS 100-52-7) Flammability (NFPA®)  
ISO AMYL ACETATE (CAS 123-92-2) Toxicity (ACGIH®)

#### **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.  
Flammability 2

## **16. OTHER INFORMATION**

#### **DISCLAIMER:**

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond NorthWood Distributing LLC 's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g.DOT, EPA, FDA) may have specific

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