

# SAFETY DATA SHEET



DATE ISSUED :	3/10/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Sunflower (Yankee type)

**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:

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

#### Classification according to GHS Regulation (EC) No 1272/2008

Acute Toxicity Oral, Category 5	H303: Harmful if swallowed
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315: Causes mild skin irritation
Sensitization, Skin, Category 1A	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Target Organ Systemic Toxicity – Single Exposure, Category 2	H371: May cause damage to organs
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

#### Classification OSHA (Provisions 1910.1200 of title 29)

Flammability Class	IIIB Combustible Liquid
Acute Dermal/Eye	12 : Causes moderate skin irritation 16 : Causes
Acute Inhalation	24 : Causes respiratory tract irritation. 25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia
Acute Oral	3 : May be harmful if swallowed or if aspirated into the lungs
Reproductive/Developmental	39 : Causes reproductive/developmental
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, blood, bile duct

28 : Prolonged or repeated Dermal Exposure may cause damage to:  
kidneys, skin

Carcinogenicity

This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]

**GHS LABEL ELEMENTS:  
HAZARD PICTOGRAM**



**Labelling (REGULATION (EC) No 1272/2008)**

**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

H303	Harmful if swallowed
H313	Harmful in contact with skin
H315	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye damage
H333	Harmful if inhaled
H371	May cause damage to organs
H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

**PRECAUTIONARY STATEMENTS:**

**Prevention:**

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P235	Keep cool
P260	Do not breathe dust/fume/gas/mist/vapors/spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

**Response:**

P301 + P312 + P330	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting. Rinse mouth
P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice/attention
P309	IF exposed or you feel unwell:

P311	Call a POISON CENTER or doctor/physician
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO <sub>2</sub> ), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect Spillage

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
phenethyl alcohol	60-12-8	10% to 20%
Benzyl Salicylate	118-58-1	10% to 20%
Hexyl cinnamaldehyde	101-86-0	5% to 10%
Benzyl acetate	140-11-4	5% to 10%
Linalool	78-70-6	2% to 5%
Terpineol	8000-41-7	2% to 5%
Amyl salicylate	2050-08-0	2% to 5%
Butylphenyl Methylpropional	80-54-6	2% to 5%
Hydratropic aldehyde (2-Phenylpropionaldehyde)	93-53-8	0.1% to 1.0%

Total Hydrocarbon Content (% w/w) = 0.00

#### 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

#### EYES:

Immediately flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

#### SKIN:

Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, seek medical attention.

#### INGESTION:

Rinse mouth with water and obtain medical advice.

#### 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:** Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam

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

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE /MIXTURE:** Empty containers retain product residue (liquid or vapor) and can be dangerous. They should be rinsed with water and disposed of properly. Soaked rags or paper may pose a spontaneous combustion hazard in unsealed trash receptacles.

**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:** Further information: Standard Procedure for chemical fires.

## 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.

**PERSONAL PRECAUTIONS AND PROCEDURES:** Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

**CLEANUP AND CONTAINMENT:** Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

**ENVIRONMENTAL PRECAUTIONS:** Keep away from drains, soil, surface and ground water.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Apply good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling.

**HANDLING AND STORAGE:** Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### EXPOSURE LIMITS:

CAS	CHEMICAL NAME	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
140-11-4	Benzyl acetate	10			

**ENGINEERING CONTROLS:** Use local exhaust as needed.

**EYE PROTECTION:** Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

**RESPIRATORY PROTECTION:** Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

**SKIN PROTECTION:** Avoid Skin contact. Use chemically resistant gloves as needed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**COLOR:** Nearly Colorless to Pale Yellow (G2)

**ODOR:** Conforms to Standard

**APPEARANCE:** Conforms to Standard

**FLASH POINT:** >200 F

**FLASH POINT METHOD:** CLOSED CUP

**AUTO-IGNITION TEMPERATURE:** Not Determined

**BOILING POINT/RANGE:** Not Determined

**MELTING POINT:** Not Determined

**VISCOSITY:** Liquid

**VAPOUR PRESSURE:** 0.0221

**VAPOUR DENSITY:** Not Determined

**SOLUBILITY:** Oil

**PERCENT VOC:** 9.18

**SPECIFIC GRAVITY @ 25C:** 0.9750

**EVAPORATION RATE:** Less than 1

REFRACTIVE INDEX @ 20C: 1.4920

## 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:** None Known.

**REACTIVITY:** None.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 3,205.13) Harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 3,347.61) Harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 62.44) May be harmful if inhaled
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	May cause damage to organs
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

## 12. ECOLOGICAL INFORMATION

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

**CHRONIC AQUATIC TOXICITY:** 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

Regulator	Class	Pack Group	Sub Risk	UN-nr
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated-Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
<b>IATA (Air Cargo)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
<b>IMGD (Sea)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082

### 15. REGULATORY INFORMATION

#### US FEDERAL REGULATIONS

##### TSCA (USA TOXIC SUBSTANCE CONTROL ACT):

All ingredients in this mixture are listed on the TSCA inventory.

##### 40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains the following components:

This product contains NO components of concern.

#### US STATE REGULATIONS

**RIGHT TO KNOW:** The identities of the ingredients of this mixture are proprietary and are considered to be trade secrets.

**CALIFORNIA PROPOSITION 65:** This mixture contains the following chemical (s) subject to the reporting requirements of the Safe Drinking Water and Toxic Enforcement Act of 1986.

##### California Proposition 65 Warning

94-59-7	202-345-4
93-15-2	202-223-0

##### This product contains the following components:

<= 7 ppm	Safrole (NFS)
<= 3 ppm	Methyl Eugenol (NFS)

##### Canadian Regulations:

**DSL / NDSL** 100.00% of the components are listed or exempt.

### 16. OTHER INFORMATION

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk

(1.22) Skin Corrosion/Irritation, Category 2

(3.22) Eye Damage/Eye Irritation, Category 2A

(1.81) Aquatic Chronic Toxicity, Category 2

(TFV) Risk

(10.20) Sensitization, Skin, Category 1B

(10.20) Target Organ Systemic Toxicity - Single Exposure,  
Category 2

**DISCLAIMER:**

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