

SAFETY DATA SHEET



DATE ISSUED :	8/7/2020

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Candied Apple Pomander

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
952-679-4058

2. HAZARDS IDENTIFICATION

CLASSIFICATION:

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
This mixture does not meet the criteria for classification.

GHS LABEL ELEMENTS:

HAZARD PICTOGRAM – None required

SIGNAL WORD: Warning

HAZARD STATEMENTS:

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.

PRECAUTIONARY STATEMENTS:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
2-ethyl-3-hydroxy-4H-pyran-4-one	4940-11-8	1% to <5%
2H-chromen-2-one	91-64-5	1% to <5%

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 (CO₂)

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

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: Various

ODOR: Conforms to Standard

APPEARANCE: Conforms to Standard

FLASH POINT: 201 F

FLASH POINT METHOD: CLOSED CUP

AUTO-IGNITION TEMPERATURE: 455 F

BOILING POINT/RANGE: 422.2 °F at 101,325 Pa

MELTING POINT: Not Determined

VISCOSITY: Liquid

VAPOR PRESSURE: 0.029 mmHg at 25 °C

VAPOR DENSITY: Not Determined

SOLUBILITY: Oil

PERCENT VOC:

SPECIFIC GRAVITY: Not Available

EVAPORATION RATE: Not Available

REFRACTIVE INDEX @ 25C: Not Available

SOLVENT CONTENT: 89.93%

SOLID CONTENT: 10.07%

TEMPERATURE CLASS: Not Available

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: 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 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

UN number	3082
UN proper shipping name Technical name (hazardous ingredients)	Environmentally hazardous substance, liquid, n.o.s. DIOCTYL ADIPATE, CINNAMIC ALDEHYDE
Transport hazard class(es) Class	9 (environmentally hazardous)
Packing group	III (substance presenting low danger)
Environmental hazards Environmentally hazardous substance (aquatic environment)	hazardous to the aquatic environment DIOCTYL ADIPATE, CINNAMIC ALDEHYDE

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	Environmentally hazardous substance, liquid, n.o.s.
- Particulars in the shipper's declaration	UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: DIOCTYL ADIPATE, CINNAMIC ALDEHYDE), 9, III
- Reportable quantity (RQ)	41,666,667 lbs (18,916,667 kg) (ETHYL ACETATE) (FURFURAL)
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, 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

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
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)
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)
2H-chromen-2-one 91-64-5 EU Fragrance Allergens
- Toxic or Hazardous Substance List (MA-TURA)
none of the ingredients are listed
- Hazardous Substances List (MN-ERTK)
COUMARIN A dust
ETHYL MALTOL A dust

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."

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

- none of the ingredients are listed

VOC content

Regulated Volatile Organic Compounds (VOC-EPA): Regulated Volatile Organic Compounds (VOC-Cal ARB):

Industry or sector specific available guidance(s)**NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

Flammability 1

NFPA® 704

16. OTHER INFORMATION

DISCLAIMER:

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