

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Patchouli Amber

**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](mailto:customercare@northwoodcandle.com)

612-638-7407

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION:

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

A.4S

skin sensitization

Category 1

Skin Sens. 1

H317

### GHS LABEL ELEMENTS:

#### HAZARD PICTOGRAM



**SIGNAL WORD:** Warning

### 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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
3,7-dimethylocta-1,6-dien-3-yl acetate Flam. Liq. 4 / H227	115-95-7	1% to <5%
3,7-dimethylocta-1,6-dien-3-ol Skin Sens. 1B / H317 Flam. Liq. 4 / H227	78-70-6	1% to <5%
2H-chromen-2-one Acute Tox. 3 / H301 Acute Tox. 3 / H311	91-64-5	<1%

\* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

### 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:

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:

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

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

Symptoms and effects are not known to date.

## 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, or other NON-Aqueous material.

**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

### 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.

### 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.

### 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.

### 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

### 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 feedingstuffs.

### 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.

### Specific end use(s)

See section 16 for a general overview.

## 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:** 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.

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

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

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**COLOR:** Various

**ODOR:** Characteristic

**APPEARANCE:** Conforms to Standard

**FLASH POINT:** 201 F

**FLASH POINT METHOD:** CLOSED CUP

**AUTO-IGNITION TEMPERATURE:** 498.2 °F (auto-ignition temperature (liquids and gases))

**BOILING POINT/RANGE:** 385.3 °F at 99.2 kPa

**MELTING POINT:** Not Determined

**VISCOSITY:** Not Determined

**VAPOUR PRESSURE:** <1 hPa at 20 °C

**VAPOUR DENSITY:** Not Determined

**SOLUBILITY:** Not Determined

**SOLVENT CONTENT:** 97.56%

**SOLID CONTENT:** 2.437%

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

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** See below "Conditions to avoid".

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

**CONDITIONS TO AVOID:** There are no specific conditions known which have to be avoided.

**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".

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** Shall not be classified as acutely toxic.

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

**EYE CONTACT:** Shall not be classified as seriously damaging to the eye or eye irritant.

**SKIN IRRITATION:** Causes skin irritation.

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

**RESPIRATORY SENSITIZATION:** Not Classified-The classification criteria are not met.

**TARGET ORGAN:** Shall not be classified as a specific target organ toxicant (single exposure). Shall not be classified as a specific target organ toxicant (repeated exposure).

**GERM CELL MUTAGENICITY:** Shall not be classified as germ cell mutagenic.

**REPRODUCTIVE TOXICITY:** Shall not be classified as a reproductive toxicant.

**ASPIRATION HAZARD:** Shall not be classified as presenting an aspiration hazard.

## 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

### 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**

<b>Regulator</b>	<b>Class</b>	<b>Pack Group</b>	<b>Sub Risk</b>	<b>UN-nr</b>
<b>U.S. DOT (Non-Bulk) Chemicals NOI ADR/RID (International Road/Rail)</b>				
Environmentally Hazardous Substance, Liquid, n.o.s. UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: DIOCTYL ADIPATE, GALAXOLIDE 50 IPM), 9, III	9	III		UN-3082
Environmental hazards	yes (hazardous to the aquatic environment)			
Special provisions (SP)	8, 146, 173, 335, IB3, T4, TP1, TP29			
ERG No	171			
<b>IATA (Air Cargo)</b>				
Environmentally Hazardous Substance Liquid, n.o.s.	9	III		UN-3082
Special provisions (SP)	A97, A158, A197			
Excepted quantities (EQ)	E1			
Limited quantities (LQ)	30 kg			
<b>IMGD (Sea)</b>				
Environmentally Hazardous Substance Liquid, n.o.s.	9	III		UN-3082
Special provisions (SP)	274, 335, 969			
Excepted quantities (EQ)	E1			
Limited quantities (LQ)	5 L			
EmS	F-A, S-F			
Stowage category	A			
<b>UN proper shipping name</b>			Environmentally hazardous substance, liquid, n.o.s.	
Technical name (hazardous ingredients)			DIOCTYL ADIPATE, GALAXOLIDE 50 IPM	
<b>Environmental hazards</b>			hazardous to the aquatic environment	
Environmentally hazardous substance (aquatic environment)			DIOCTYL ADIPATE, GALAXOLIDE 50 IPM	

**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)

Substance:	CAS No	Authoritative Lists
2H-chromen-2-one	91-64-5	EU Fragrance Allergens

- Toxic or Hazardous Substance List (MA-TURA)

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 Health	n/a	None
Flammability	2	Temporary or minor injury may occur
Physical Hazard	1	Material that must be preheated before ignition can occur
	0	Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non explosive

### 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
Instability	0	Material that is normally stable, even under fire conditions
Health	2	Material that, under emergency conditions, can cause temporary incapacitation or residual injury.

## 16. OTHER INFORMATION

49 CFR US DOT	49 CFR U.S. Department of Transportation
Acute Tox.	Acute toxicity
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 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)**

H227	Combustible liquid
H301	Toxic if swallowed
H311	Toxic in contact with skin
H317	May cause an allergic skin reaction

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