

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product: Dahlia Noir

Product Type: Fragrance Oil

Company: CandleScience
1247 Person St.
Durham, NC 27703

Product ID: 2180

SKU: 93329 - 93335

Emergency Telephone CHEMTREC 1-800-424-9300**SECTION 2. HAZARDS IDENTIFICATION**

CLASSIFICATION ACCORDING TO HCS 2012 (29 CFR PARTS 1910, 1915, AND 1926):

Skin Corrosion/Irritation:

Category 2

Eye Damage/Irritation:

Category 2A

Skin Sensitization:

Category 1

Chronic Aquatic Toxicity:

Category 3

Signal Word:

WARNING

Hazard Statement:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

Precautionary Statements:

Prevention:

Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Response:

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

Store in a cool, dry, well-ventilated space.

Disposal:

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Dispose of contents/container in accordance with local/national laws and regulations.

Please note: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENT

Hazardous components	CAS No.	Weight %
Dihydromyrcenol	18479-58-8	5 - 8
Linalool	78-70-6	5 - 8
Benzoic Acid, 2-Hydroxy-, Cyclohexyl Ester	25485-88-5	3 - 5
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	3 - 5
2-tert-Butylcyclohexyl acetate	88-41-5	3 - 5
dl-Citronellol	106-22-9	3 - 5
2-ethyl-4-(2,2,3-trimethyl-1-cyclopent-3-enyl)but-2-en-1-ol	28219-61-6	1 - 3
Benzyl acetate	140-11-4	1 - 3
Hexyl cinnamic aldehyde	101-86-0	1 - 3
2,2,6-Trimethyl-.alpha.-propylcyclohexanepropanol	70788-30-6	1 - 3
Ethyl maltol	4940-11-8	1 - 3
3-Methyl-5-phenylpentanol	55066-48-3	1 - 3
beta-Ionone	14901-07-6	1 - 3
Coumarin	91-64-5	1 - 3
Hydroxycitronellal	107-75-5	1 - 3
gamma-Undecalactone	104-67-6	1 - 3
Geraniol	106-24-1	≤ 1
Eugenol	97-53-0	≤ 1
Nerol	106-25-2	≤ 1
IsoEugenol	97-54-1	≤ 0.5
Allyl (3-methylbutoxy)acetate	67634-00-8	≤ 0.5
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	≤ 0.5
Cinnamyl alcohol	104-54-1	≤ 0.5
3-(4-ethylphenyl)-2,2-dimethylpropanal	67634-15-5	≤ 0.5
Allyl heptanoate	142-19-8	≤ 0.1
beta-Damascenone	23696-85-7	≤ 0.1
Cinnamaldehyde	104-55-2	≤ 0.1

SECTION 4. FIRST AID MEASURES

Inhalation:

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In the event of exposure to vapors, immediately remove from the area to a fresh air environment.

Individuals showing evidence of inhalation exposure should be taken to an uncontaminated area. Obtain medical advice immediately.

Skin contact:

Remove contaminated clothes. Wash skin with large volumes of water. If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.

Eye contact:

In the event of contact with the eyes, irrigate with water for at least 15 minutes; obtain medical advice if irritation persists.

Ingestion:

In the event of accidental ingestion, rinse mouth with water. Give up to one half pint of milk or water. Obtain medical advice immediately. Do not induce vomiting, obtain medical advice immediately.

Most important symptoms:

No additional information available. Refer to Section 2 'Response'

Indication of immediate medical attention:

None known

General information:

No specific data.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media:

Foam, carbon dioxide, or dry chemical.

Unsuitable extinguishing media:

Avoid use of water in extinguishing fires.

Specific hazards:

In a fire or if heated, a pressure increase will occur and the container may burst.

Special fire fighting procedures:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Evacuate personnel to safe areas. Remove all sources of ignition. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up.

Environmental precautions:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Dispose of in accordance with local regulations. Local authorities should be advised if significant spillage cannot be contained.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, vermiculite). Keep in suitable and closed containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities:

Store in tightly closed and upright container in a cool, dry, ventilated area. Store away from light, heat, and sources of ignition.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Appropriate Engineering Controls:

Ventilation:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Personal Protective Equipment:

Eye protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin and body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection:

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

General hygiene considerations:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Liquid

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Color:	Colorless to pale yellow
Odor:	N/A
Odor threshold:	N/A
pH:	N/A
Melting point:	N/A
Boiling point:	N/A
Flashpoint:	101 °C 214 °F
Evaporation Rate (Butyl Acetate = 1):	N/A
Flammability (solid, gas):	N/A
Upper lower flammability or explosive limits:	N/A
Vapor density (Air=1):	N/A
Vapor pressure (mmHg @ 20C°):	N/A
Specific gravity (H2O=1):	0.94
Solubility in water:	No
Solubility in other solvents:	N/A
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Kinematic viscosity:	N/A
Dynamic viscosity:	N/A
Explosive properties:	N/A
Oxidizing properties:	N/A
Refractive index:	1.463

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:

The product is stable and non-reactive under normal conditions of use, storage and transport.

Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid:

No specific data.

Incompatible materials:

No specific data.

Hazardous decomposition products:

No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (mg/kg):

LD50 > 2000 mg/kg bw

Acute dermal toxicity (mg/kg):

Not classified

Acute inhalation toxicity (mg/L/4hr):

Not classified

Skin corrosion/irritation:

Skin Irritation - Cat. 2

Serious eye damage/eye irritation:

Eye Irritation - Cat. 2A

Respiratory or skin sensitization:

Skin Sensitization - Cat. 1

Mutagenicity:

Not classified

Reproductive toxicity:

Not classified

Carcinogenicity:Not classified
Contains CAS# 97-54-1

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Chronic - Cat. 3

Persistence and Degradability:

Information not available

Bioaccumulation:

Information not available

Other Adverse Effects:

Information not available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal instructions:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations:

Dispose in accordance with all applicable regulations.

Hazardous waste code:

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues/unused products:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

IATA UN Number: Not regulated

IATA UN Proper Shipping Name: N/A

IATA Transport Hazard Class: N/A

IATA Packing group: N/A

IATA Environmental Hazards: N/A

IMDG UN Number: Not regulated

IMDG UN Proper Shipping Name: N/A

IMDG Transport Hazard Class: N/A

IMDG Packing Group: N/A

IMDG Environmental Hazards: N/A

Special Precautions: N/A

SECTION 15. REGULATORY INFORMATION**TSCA:**

All components of this product are listed or excluded from listing on the TSCA inventory.

SECTION 16. OTHER INFORMATION

The information and recommendations contained in this data sheet represent, to the best of CandleScience's knowledge and belief, an accurate and reliable representation as the known data for this material. Since the conditions for use, handling, storage and disposal of this product are beyond CandleScience'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

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omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

