

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.
Revision Date: May 10, 2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product: **Orchid Liquid Soap Dye**

Product Type: Mixture

Company:

CandleScience
1717 E. Lawson St.
Durham, NC 27703

For information or emergencies call: 1.888.266.3916

SECTION 2. HAZARDS IDENTIFICATION

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

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS). This product contains no substances which at their given concentration, are considered to be hazardous to health.

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 INGREDIENTS

Hazardous components: The identity of the individual components of this mixture is proprietary information and is regarded to be a trade secret. It is withheld in accordance with the provisions of 29 CFR 1910.1200.

SECTION 4. FIRST AID MEASURES

INHALATION:

Not an expected route of exposure. Remove to fresh air. Administer oxygen if breathing is difficult. Seek immediate medical attention/advice.

SKIN CONTACT:

Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

EYE CONTACT:

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Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Call a physician if irritation persists.

INGESTION:

Product is non-toxic. Do not induce vomiting.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

N/A

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Note to physicians: Treat symptomatically.

GENERAL INFORMATION:

N/A

SECTION 5. FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Procedures for an oil fire should be followed. Use foam or dry chemical. Water may be used only to keep surrounding containers cool.

UNSUITABLE EXTINGUISHING MEDIA:

Water.

SPECIFIC HAZARDS:

Hazardous combustion products: Carbon and hydrogen oxides.

SPECIAL FIRE FIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use personal protective equipment as required. For emergency responders: Remove all sources of ignition.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13). Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

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Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Never pierce, drill, grind, cut, saw or weld any container. NFPA Class IIIB storage. Wash thoroughly after handling.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
Keep from freezing. If product freezes, allow to thaw completely prior to use.
Incompatible materials: Strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

AGCIH:

TWA Glycerol (56-81-5) 10 mg/m³ mist

OSHA PEL:

TWA Glycerol (56-81-5) 15 mg/m³ mist, total particulate

TWA Glycerol (56-81-5) 5 mg/m³ mist, respirable fraction (vacated)

TWA Glycerol (56-81-5) 10 mg/m³ mist, total particulate (vacated)

TWA Glycerol (56-81-5) 5 mg/m³ mist, respirable fraction

APPROPRIATE ENGINEERING CONTROLS:

Apply technical measures to comply with the occupational exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

Eye protection:

Goggles. Eye wash bottle.

Skin and body protection:

Wear protective gloves and protective clothing.

Respiratory protection:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid with yellow tint

Color: Yellow

Odor: Characteristic

Odor threshold: Not determined

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pH: Not determined

Relative evaporation rate (butyl acetate=1): N/A

Melting point: Not determined

Freezing point: Not determined

Boiling point: >350°F / >176.67°C

Flash point: 320°F / 160°C

Flammability (solid, gas): Not determined

Vapor pressure: Not determined

Vapor density: Not determined

Specific gravity: 1.261

Solubility in water: Soluble in water

Partition coefficient: Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not determined

Explosive properties: Not determined

Oxidizing properties: Not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity:

Not reactive under normal conditions.

Chemical stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None under normal processing.

Conditions to avoid:

Heat, flames and sparks.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

Carbon and hydrogen oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Product information:

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation:

No known effect based on information supplied.

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Skin corrosion/irritation:

No known hazard in contact with skin.

Serious eye damage/eye irritation:

May cause slight irritation.

Ingestion:

Product is non-toxic.

Carcinogenicity:

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NIP.

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SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity:**

0.5% of the mixture consists of components of unknown hazards to the aquatic environment.

Persistence and degradability:

Not determined.

Bioaccumulation:

Not determined.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal of wastes:**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. TRANSPORTATION INFORMATION

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In Accordance with DOT: Not regulated

In Accordance with IATA: Not regulated

In Accordance with IMDG: Not regulated

SECTION 15 REGULATORY 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 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.