



Safety Data Sheet

Section 1: Identification

Product Name: Tagetes (Egypt)Essential Oil

Botanical Name: Tagetes minuta

Synonyms: Tagetes glandulifera, Tagetes bonariensis, Tagetes glandulosa

INCI Name: Tagetes minuta oil

CAS #: 8016-84-0 - 8

County of Origin: Egypt

Company: Soapgoods Inc

Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093

Phone: (404) 924-9080

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Emergency Phone: Chemtrec: 1-800-424-9300

Recommended Use: Personal Care

Section 2: Composition/Information on Ingredients

Contents: Z)- β -ocimene, dihydrotagetonone, (E)- β -ocimene, (Z)-tagetone, (Z)-tagetenone and (E)-tagetenone (Z)- β -Ocimene: 20 - 45% Dihydrotagetonone: > 20 %

Section 3: Hazard(s) Identification

N/A

Medical Information: N/A

Section 4: First-Aid Measures

Eye Contact: Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation occurs.

Inhalation: Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Signs of over exposure are dizziness and nausea.

Ingestion: Rinse mouth; dilute with water and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness or is convulsing.

Skin Contact: Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing wash with soap and plenty of water. Seek medical attention if irritation persists.

Section 5: Fire-Fighting Measures

Flash Point: 50°C

Extinguishing media: Carbon Dioxide, dry chemical or foam. Do not use direct water jet on burning

material. Closed containers may build up pressure at elevated temperature

Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.

Firefighting Hazards: None identified.

Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

Combustion Product: Carbon Monoxide, Carbon Dioxide

Section 6: Accidental Release Measures

Personal Precautions: Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.

Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.

Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.

Methods For Cleaning Up: Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

Section 7: Handling and Storage

Handling: Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

Storage: Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".

Section 8: Exposure Controls/Personal Protection

Eyes Protection: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

Respiratory Protection: In well- ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

Protective Gloves: Use of chemical resistant gloves is recommended.

Protective Clothing: Use of chemical resistant clothing is recommended.

Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

Note: These Precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional Precautions

Section 9: Physical and Chemical Properties

Appearance: Reddish yellow liquid.

Odor: Characteristic rancid butter mixed with apple odor.

Solubility: Soluble in 90% alcohol and oils. Insoluble in water.

Specific Gravity: 0.850 - 0.992 @ 20°C

Optical Rotation: +1.0 - +15.0 @ 20°C

Refractive Index: 1.460 - 1.490 @ 25°C

Extraction Method: Steam distillation of the flowers.

Section 10: Stability and Reactivity

Stability: Chemically stable. This material presents no significant reactivity hazard.

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to Avoid: Strong oxidizing agents.

Flammability: Combustible liquid.

Hazardous Polymerization: Will not occur. Hazardous Combustion or None known.

Decomposition Products: When heated to decomposition produces acid fumes and carbon monoxide smoke.

Section 11: Toxicological Information

Inhalation / Ingestion: Inhalation of high concentrations of vapor may result in irritation, nose and throat.

Skin Contact: May irritate skin. Do not use on sensitive skin.

Eye Contact: May irritate eyes.

Side effects of use: Tagetes oil should be used sparingly and with caution. It should be avoided during pregnancy. May also cause photosensitivity.

Section 12: Ecological Information

Avoid any pollution of ground, surface or underground water.

Section 13: Disposal Considerations

Dispose of in accordance with local, provincial and federal regulations. Check with disposal expert to ensure compliance

Section 14: Transport Information

Chemical Identification: Oils, tagetes

UN No. 1169: Liquid aromatic extract.

Packaging Group: III Class: 3

ENECS: 294-862-7 **FEMA:** 3040 **FDA:** N/A **US DOT Shipping**

Description: Check appropriate authority

IATA Shipping (Air): Check appropriate authority

IMDG Shipping Description: Check appropriate authority

Section 15: Regulatory Information

WHMIS (Canada): N/A

HMIS (USA): Health Hazard - N/A Fire Hazard -N/A Reactivity - N/A

Section 16: Other Information

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