



Safety Data Sheet

Section 1: Identification

Product Name: Turmeric Oil

Botanical Name: Curcuma longa L.

Synonyms: Curcuma domestica Valetton, Curcuma aromatica Salisbury

INCI Name: Curcuma longa (turmeric) root extract

CAS #: 8024-37-1

County of Origin: India

Company: Soapgoods Inc

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

Phone: (404) 924-9080

E-Mail: wecare@soapgoods.com

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

Recommended Use: Personal Care

Section 2: Composition/Information on Ingredients

Chemical Identification: Oil, Turmeric

UN No. 2319: Terpene hydrocarbons, n.o.s.

Packaging Group: III

Class: 3

3. Hazardous Ingredients Information:

Curcumin.

4. Physical & Chemical Properties:

Appearance: Pale yellow to reddish-brown oily liquid.

Odor: Characteristic warm, spicy turmeric odor.

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

Specific Gravity: 0.925 - 0.935 @ 20°C

Optical Rotation: -24 - -27 @ 20°C

Refractive Index: 1.500 - 1.650 @ 20°C

Turmerone: > 30 %

ar-Turmerone: <25 %

Zingiberone: <25 %

Curcumin: 3 - 4 %

Extraction Method: Steam distillation of the fresh or dried crushed rhizomes.

Contents: Turmerone, ar-turmerone, anlatone, zingiberone, and conjugated diarylheptanoids (1,7-

diarylhepta-1,6-diene-3,5-diones e.g. curcumin), 1-cyclo-isoprenemyrcene

Flash Point: 60 °C

5. Fire/Explosion Hazard:

Flash Point: 60 °C Combustible liquid. Will ignite if moderately heated.

6. Reactivity/Stability Data:

Reactivity: Stable. Decomposition: When heated to decomposition produces toxic fumes and carbon monoxide smoke.

7. Toxicological Properties/Information:

Not to be used if suffering from acute jaundice and hepatitis, obstruction of the bile duct or gallstones, fever or inflammation and during pregnancy. At doses higher than oral (rat), LD50 = 100 mg/kg, curcumin may be ulcerogenic.

8. Preventive Data:

Spillage: Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.

Fire: Recommended extinguishing media - CO₂, foam and dry chemicals. DO NOT use direct water jet on burning material.

Environment: Keep away from drains, surface and ground water.

Storage: Store in cool, dry and well ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight. Keep air contact to minimum.

9. First Aid Measures:

Eye contact: Flush with water for at least 15 minutes. Call physician if irritation persists.

Inhalation: Remove to fresh air. Avoid casual breathing.

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

Skin contact: Remove contaminated clothing. Wash with soap and plenty of water.

10. Individual Protection for Industrial Use:

Use safety glasses.

Avoid breathing in product by ensuring good ventilation when handling.

Avoid skin contact by using chemical resistant gloves.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land) Not regulated.

IMO-IMDG Shipping Description (Sea) Not regulated.

IATA Shipping Description (Air) Not regulated.

15. REGULATORY INFORMATION

WHMIS Classification N/A

HMIS (USA)

Health Hazard –N/A Fire Hazard – N/A Reactivity – N/A

California Proposition 65

This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.

Section 16: Other Information

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