



Safety Data Sheet

Tetrahydrocurcuminoids

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Tetrahydrocurcuminoids

INCI Name: Tetrahydrodiferuloylmethane

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: Skin irritation. Aquatic toxicity (Chronic).

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: P280: Wear protective gloves/clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority.
P273: Avoid Release to the environment.
P305+P351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a doctor/physician.
P391: Collect spillage.

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Tetrahydrodiferuloylmethane	Not classified	36062-04-1	96.0%

Additional Information: For full text of H-statements and R-phrases: see SECTION 16



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Section 4: First Aid Measures

General Info: Consult a physician. Show this safety data sheet to the doctor in attendance. Move away from dangerous area.

Notable Exposure symptoms: May cause serious eye damage. Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion or skin absorption. May cause skin or respiratory system irritation

If ingested: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

If inhaled: If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes. Continue rinsing and call a physician.

Skin contact: Wash off with soap and plenty of water. Consult a physician if irritation develops.

Section 5: Fire Fighting Measures

General Info: Flash Point: Not available.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Carbon oxides.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection, see section 8.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not allow the product to enter drains.

Containment Equipment and

Cleanup Procedures: Contain spillage and collect with an electrically protected vacuum cleaner or by wet brushing and placing into a container for disposal according to local regulations.



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Section 7: Handling and Storage

Safe Handling Precautions: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

Recommendations for Storage: Store the material in tightly closed original container. Store this container in a cool, dry and well ventilated place. Protect against direct sunlight. Avoid heat, flames & other sources of ignition. Avoid contact with strong oxidizers.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: None established.

General / Engineering

Controls: Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation.

Eye/face protection: Face shield and safety glasses. Use equipment for the eye protection tested and approved under appropriate government standards such as NIOSH (US) and EN 166 (EU).

Hand Protection: Wear protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection: Where risk assessments shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under the appropriate standards (NIOSH/CEN).

Thermal Hazards: None required under normal conditions of use.

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Prevent further leakage or spillage if safe to do so. Do not allow the product to enter drains.



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Section 9: Physical and Chemical Properties

Physical State: Solid

Appearance: Powder

Color: Off white to creamy white

Odor: Characteristic

Odor Threshold: Not available

pH: Not available

Melting/Freezing Point: Between 85 °C and 95 °C/Not available

Boiling Point: Not available

Flash Point (COC): Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not available

Vapor Pressure: Not available

Explosive Limits: Not available

Vapor Density: Not available

Molecular Weight: 372.39

Water Solubility: Insoluble

Viscosity (cP): Not available

Explosion Properties: Not available

Oxidizing Properties: Not available

Partition coefficient: Not available

Other information: None available

Section 10: Stability and Reactivity

Reactivity: Stable under normal conditions of use.

Chemical Stability: Stable under normal conditions of use.

Possibility of Hazardous

Reactions: Not known.

Conditions to Avoid: Do not expose to heat, light, moisture.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition

Products: Carbon oxides and carbon monoxides.



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Section 11: Toxicological Information

Acute Toxicity: Dermal: > 2000mg/kg body weight.

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating.

Corrosivity: Non-irritant.

Sensitization: Not available.

Repeated Dose Toxicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP or OSHA.

Mutagenicity: Not available.

Toxicity for reproduction: Not available.

Section 12: Ecological Information

Toxicity: Not known.

Aquatic Toxicity: Not known.

Persistence and Degradability: Not known.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

Results of PBT and vPvB

Assessment: Not available.

Other Adverse Effects: Not available.

Section 13: Disposal Information

Product disposal: Product and waste can be eliminated as a non-hazardous industrial waste according to local regulations and Federal law concerning waste elimination.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.



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Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Tetrahydrocurcumin	Tetrahydrocurcumin	Tetrahydrocurcumin	
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

EU: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/38: Wear suitable protective clothing, gloves, eye and face protection.

California Prop 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



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Section 16: Other Information

Indication of Changes: Version 1.1 created February 2, 2021

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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