



Safety Data Sheet Ferulic Acid

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Ferulic Acid

INCI Name: Ferulic Acid

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

GHS07

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Hazard Pictograms:



Signal Word: Warning

Hazard Classification: H315: Skin Irrit. 2 - Skin corrosion/irritation
H319: Eye Irrit. 2 - Serious eye damage/eye irritation
H335: STOT SE 3 - Specific target organ toxicity - single exposure (respiratory tract irritation)

Hazard Category: Non-classified

Hazard Statements: H315: Causes skin irritation
H319: Causes serious eye irritation
H335: May cause respiratory irritation

Precautionary Statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other Hazards: None



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Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Ferulic Acid	H315; H319; H335	537-98-4	100%

Section 4: First Aid Measures

If ingested: Rinse mouth. Call a doctor if you feel unwell.

If inhaled: Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Eye contact: Irrigate copiously with clean, fresh water for at least 10 minutes, while holding eyelids open. In case of eye irritation, consult an ophthalmologist.

Skin contact: Remove contaminated clothing. Rinse skin with water. In case of skin irritation, consult a physician.

Section 5: Fire Fighting Measures

General Info: Flash point: Not applicable. Avoid generation of dusts, as airborne material may be combustible.

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 monoxide (CO), carbon dioxide (CO₂).

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8) to prevent any contamination of skin, eyes and personal clothing. Do not breathe dust. Avoid contact with skin, eyes and clothes.

Environmental Precautions: Non-hazardous, but keep away from drains, surface and ground water.

Containment Equipment and

Cleanup Procedures: Covering of drains. Pick up mechanically. Control of dust. Place in appropriate containers for disposal. Ventilate the affected area.



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Section 7: Handling and Storage

Safe Handling Precautions: Ensure adequate ventilation. Avoid generation of dusts. Wash hands before and after handling the product. Keep away from food and drinks.

Recommendations for Storage: Keep container tightly closed and in a cool, well-ventilated area. Recommended storage temperature: 15 - 25°C.

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

Section 8: Exposure Control / Personal Protection

Control Parameters: National limit values. Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	Notation	Identifier	TWA [mg/m3]	STEL [mg/m3]	Source
GB	dust	i	WEL	10		EH40/2005
GB	dust	r	WEL	4		EH40/2005

Legend: i Inhalable fraction
r Respirable fraction
STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.
TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

General / Engineering

Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves per the above mentioned standard.

Body Protection: Lab coat

Respiratory Protection: Respiratory protection necessary with dust formation. Particulate filter device (EN 143). P1 (filters at least 80% of airborne particles, color code: white).

Environmental Exposure

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

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.



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Section 9: Physical and Chemical Properties

Physical State: Solid

Appearance: Powder, crystalline

Color: Off-white to white

Odor: No data available

Odor Threshold: No data available

pH: No data available

Melting Point: 169.0 - 172.0°C

Freezing Point: No data available

Boiling Point: No data available

Flash Point (COC): Not applicable

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Evaporation Rate: No data available

Vapor Pressure: No data available

Explosive Limits: No data available

Vapor Density: No data available

Molecular Weight: 194.2 g/mole

Water Solubility: No data available

Viscosity (cP): Not relevant

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: 1.42 (calculated value)

Other information: None available

Section 10: Stability and Reactivity

Reactivity: The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Chemical Stability: The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of Hazardous

Reactions: May violently react with strong oxidizers.

Conditions to Avoid: There are no specific conditions known which have to be avoided.

Incompatible Materials: No information available.

Hazardous Decomposition

Products: For hazardous decomposition products, see Section 5.



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Section 11: Toxicological Information

Acute Toxicity: Not classified

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin

Sensitization: Not classified as a respiratory or skin sensitizer.

CMR Properties: Not classified as germ cell mutagenic, carcinogenic, nor reproductive toxicant.

STOT-SE: May cause respiratory irritation.

STOT-RE: Not classified

Aspiration Hazard: Not classified

Symptoms Related to Physical, Chemical and Toxicological Characteristics

If Swallowed: No data available.

If in Eyes: No data available.

If Inhaled: Causes slight to moderate irritation, cough, dyspnoea.

If on Skin: Causes skin irritation.

Other Information: None

Section 12: Ecological Information

Toxicity: According to 1272/2008/EC, not classified as hazardous to the aquatic environment.

Persistence and Degradability: Theoretical Oxygen Demand: 1.73 mg/mg
Theoretical Carbon Dioxide: 2,266 mg/mg

Bioaccumulative Potential: Does not significantly accumulate in organisms.
n-octanol/water (log KOW) 1.42

Mobility in Soil: No data available.

Results of PBT and vPvB

Assessment: No data available.

Other Adverse Effects: None known



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Section 13: Disposal Information

Waste Treatment Methods: This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations.

Sewage Disposal-Relevant

Information: Do not empty into drains.

Relevant Provisions Relating to

Waste: The allocation of waste identity numbers/waste descriptions must be carried out acc

Remarks: Waste shall be separated into the categories that can be handled separately by local or national waste management facilities. Please consider the relevant national or regional provisions.

Section 14: Transport Information

General Information: This substance is considered to be non-hazardous for transport by Air/Rail/Road and Sea and thus not regulated by IATA/ICAO/ARD/RID/IMO/RDG.

	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:	Not regulated	Not regulated	Not regulated	Not regulated
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

Federal and State Regulations: TSCA 8(b) inventory: trans-Ferulic Acid.

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

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this substance.



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Section 16: Other Information

Indication of Changes: Version 1.2 created March 20, 2024

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.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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