

Natural Ferulic Acid

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Natural Ferulic Acid	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Natural Ferulic Acid	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	1135-24-6	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification: Skin Irritant: Category 2
Eye Irritant: Category 2
STOT SE

Singal Word: WARNING!

Hazard Pictograms: 

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

Precautionary Statements: None.

Potential Health Hazards: Eyes: Cause severe eye irritation. Potential health effects.
Inhalation: Inhalation may be harmful. Cause respiratory irritation.
Skin: Harmful if absorbed through the skin. Cause skin irritation.
Ingestion: Harmful if ingested.

NFPA Ratings (704):

Health	2	Moderate
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

HMIS Ratings:

Health	2	Moderate
Flammability	1	Slight
Reactivity	0	Minimal
Personal Protection	E	Wear gloves, lab coat, dust respirator, and splash goggles.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Natural Ferulic Acid	1135-24-6	100%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse with pure water for at least 15 minutes. Consult a doctor.

Inhalation: Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Skin: Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a doctor or Poison Control Center immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media for surrounding environment and adjacent fire. A dry chemical powder is recommended for small fires, and a water spray or fog/foam is recommended for large fires. Do not use a direct water jet as an extinguisher.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available.
Specific hazards arising from the chemical:	These products are carbon oxides (CO, CO ₂). See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Avoid dust formation. Avoid breathing vapors, mist or gas. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Sweep up and shovel. Keep in suitable, closed containers for disposal. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breath dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep container tightly closed. Keep container in a cool, well-ventilated area. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Natural Ferulic Acid	Not available		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).
Inhalation:	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Body:	Handle with 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid	Vapor Pressure:	No data available
Odor:	No data available	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White or faint yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	172 - 176 °C	Water Solubility:	No data available
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	The product is stable.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Excess heat, incompatible materials.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	No data available.
Possible Hazardous Reactions:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	The toxicological properties of this material have not been fully investigated.
Skin:	Harmful if absorbed through the skin. Cause skin irritation.
Eyes:	Cause severe eye irritation. Potential health effects.
Inhalation:	Inhalation may be harmful. Cause respiratory irritation.
Ingestion:	Harmful if ingested.
Carcinogenicity:	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Over-Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been
Signs/Symptoms:	thoroughly investigated.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Sensitization:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Offer surplus and non-recyclable solutions to a licensed disposal company. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Dispose of as unused product. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not dangerous goods. Not a marine pollutant.
IATA (International Air Transport Association):	Not dangerous goods.
ICAO (International Civil Aviation Organization):	No data available.
ADR/RID (Road and Rail Transportation):	Not dangerous goods.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Federal and State Regulations (TSCA 8 (b) inventory) trans-Ferulic Acid.
Canada (DSL):	No data available.
Canada (WHMIS):	Not controlled under WHMIS.
EU (EINECS):	This product is on the European Inventory of Existing Commercial Chemical Substances.
Chemical Safety Assessment:	DSCL (EEC): R36/38- Irritating to eyes and skin. S24/25- Avoid contact with skin and eyes. S28- After contact with skin, wash immediately with plenty of water S37- Wear suitable gloves. S45-In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date:	25-Nov-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.