

**MATERIAL SAFETY DATA SHEET**  
**FERULIC ACID**

**Section 1 - Chemical Product and Company Identification**

**Product Name** Ferulic Acid **CAS No** 1135-24-6  
**Company :** Ases Chemical Works  
**Address:** Brahm Bagh, Jalori Gate, Jodhpur-342001 (India)  
Tel : +91-291-2635041, Whats App : 9636889954  
web: www.ases.in, e-mail ecom@ases.in.

**Section 2 - Composition/Information on Ingredients**

CAS#	Chemical Name	EINE EC#
1135-24-6	Ferulic Acid	214- 490-0

No components need to be disclosed according to the applicable regulations

**Section 3 - Hazards Identification**

Risk advice to man and the environment. Not to hazardous substance or mixture(Non-Haz)

**Section 4 - First Aid Measures**

**Eyes:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.  
**Skin:** Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.  
**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.  
**Inhalation:** If breathed in, move person into fresh air. If not. Breathing give artificial respiration Consult a physician  
**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Notes to Physician:

**Section 5 - Fire Fighting Measures**

**Extinguishing Media Suitable:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special Protective Equipment for Firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Section 6 - Accidental Release Measures**

**Personal precautions:** Use personal protective equipment. Avoid dust formation. Avoid breathing dust.  
**Ensure adequate ventilation.** Evacuate personnel to safe areas.  
**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.  
**Methods for cleaning up:** Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

**Section 7 - Handling and Storage**

**Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.  
**Storage:** 2 to 8°C . Keep container tightly closed in a dry and well-ventilated place.

**Section 8 - Exposure Control / Personal Protection**

**Personal Protective Equipment**

**Respiratory Protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) 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 appropriate government standards such as NIOSH (US) or CEN (EU).  
**Hand Protection:** The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.  
**Eye Protection:** Safety glasses  
**Skin and body protection:** Choose protection according to the amount & concentration of the dangerous substance at the work place.  
**Hygiene measures:** Avoid contact with skin, eyes & clothing. Wash hands before breaks & immediately after handling the product.

### Section 9 - Physical and Chemical Properties

Physical State : Powder                      Molecular Weight : 194.19  
Molecular Formula : C10H10O4              Melting point : 171 °C (340 °F)

### Section 10 - Stability and Reactivity

Storage stability : Stable under recommended storage conditions.

Materials to avoid:

Hazardous decomposition

Products formed under fire conditions : Carbon monoxide (CO). Carbon dioxide (CO2).

### Section 11 - Toxicological Information

Acute toxicity:                      LD50 Intravenous - Mouse - 857 mg/kg

Irritation and corrosion:        No data available

Sensitisation:                      No data available

Chronic exposure:                IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs And Symptoms Of Exposure: No data available

Route Of Exposure Inhalation: No data available

Skin :                                 No data available

Eyes:                                 No data available

Ingestion:                         No data available

### Section 12 - Ecological Information

No data available.

### Section 13 - Disposal Considerations

Product:                              Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber

Contaminated packaging: Dispose of as unused product.

### Section 14 - Transport Information

IATA IMO RID/ADR

Shipping Name: Not Regulated for Transport (Non-Haz)

Hazard Class:

UN Number:

Packing Group:

### Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation(EC)No1907/2006

### Section 16 - Other Information

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.