

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: 4-Fluoro-2-methoxybenzoic acid

CAS Number: 395-82-4

Catalog Numbers: AX8020627

For R&D use only.

Company Identification:

1408 E. Arrow Highway

Irwindale, CA91706, USA

Phone: (626)461-2812/(626)566-0337

Fax: (626)228-3544

2. COMPOSITION, INFORMATION ON INGREDIENTS

Molecular Formula: C₈H₇FO₃

Molecular Weight: 170.138g/mol

Component	Concentration	
4-Fluoro-2-methoxybenzoic acid		
CAS Number	395-82-4	-

3. HAZARDS IDENTIFICATION EMERGENCY OVERVIEW

3.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin corrosion/irritation(Category 2) H315

Serious eye damage/eye irritation(Category 2A) H319

STOT- single exposure(Category 3) H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

3.2 GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Pictogram



Signal word

Warning

Hazard statement(s)

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

Precautionary statement(s)

P261

Avoid breathing dust.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements

None

3.3 According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrases)

R22

R37/38

R41

S-phrases)

S26

S36/39

Harmful if swallowed.

Irritating to respiratory system and skin.

Risk of serious damage to eyes

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

Wear suitable protective clothing and eye/face protection

None

3.4 Other hazards

4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water occasionally lifting the upper and lower lids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus and full protective gear.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide or chemical foam.

6. ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment.

Spills/Leaks: Vacuum or sweep up material and place into suitable disposal container. Avoid generating dusty conditions.

7. HANDLING AND STORAGE

Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin.

Storage: Storage: Keep container tightly closed. Store in a cool, dark and well-ventilated place.

Store away from incompatible materials such as oxidizing agents.

Recommended storage temperature: 2 - 4 °C

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Wear appropriate respirators where necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	N/A
Boiling Point	266.9 °C at 760 mmHg
Melting Point	134 °C
Flash point	No data available.
Water solubility	Slightly soluble.
Ignition temperature	No data available.
Lower explosion limit	No data available.
Upper explosion limit	No data available.

10. STABILITY AND REACTIVITY

Chemical Stability: This product is relatively unstable under normal temperature.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous combustion or Decomposition products: Carbon monoxide, carbon dioxide, and hydrogen fluoride.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

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.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

Additional Information

RTECS: No data available.

Burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigate.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. 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 afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 DOT (US)

Not dangerous goods

14.2 UN number

ADR/RID: _ IMDG: _ IATA: _

14.3 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.4 Transport hazard class(es)

ADR/RID: _ IMDG: _ IATA: _

14.5 Packaging group

ADR/RID: _ IMDG: _ IATA: _

14.6 Environmental hazards

ADR/RID: No IMDG Marine pollutant: No IATA: No

14.7 Special precautions for user

No data available.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture:

No data available.

Chemical Safety Assessment: No data available.

16. ADDITIONAL INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May Cause respiratory irritation.

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	0
Flammability:	0
Physical Hazard:	0

FPA Rating

Health hazard:	0
FIRE Hazard:	0
Reactivity Hazard:	0

Further information



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