

3-Ferrocenoylpropionic Acid

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: 3-Ferrocenoylpropionic Acid
CAS Number: 1291-72-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use: Laboratory chemicals, manufacture of chemical compounds

1.3 Details of the supplier of the safety data sheet

Company name: East Harbour Group Ltd
20 Clough Road, Severalls Industrial Park
Colchester, Essex, CO4 9QS
United Kingdom

Telephone: +44 (0) 333 242 0100
Email: info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

Section 2: Hazardous identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHAHCS)

Skin corrosion/irritation, (Category 2), H315

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

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

2.2 Label elements

Pictogram



Signal word

Warning

Hazard statements

H315

Causes skin irritation

H319

Causes serious eye irritation

Precautionary statements

P264

Wash hands thoroughly after handling

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P280

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

Hazards not otherwise classified (HNOC) or not covered by GHS

None

Section 3: Composition/information on ingredients

Chemical Name:	3-Ferrocenoylpropionic Acid
CAS Number	1291-72-1
Molecular Formula	C ₁₄ H ₅ FeO ₃
Molecular Weight	277.0327 g/mol

Section 4: First aid measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

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

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2 or section 11)

Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire-fighting measures

Extinguishing media Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x), Hydrogen bromide gas

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

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No data available

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7: Handling and storage

Precautions for safe 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.

For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Keep in dry area.

Room Temperature.

Specific end use(s)

Apart from the uses mentioned in section 1, no other specific uses are stipulated

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

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

Skin protection

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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. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance / Form	solid
Odor	no data available
Odor Threshold	no data available
pH	no data available
Melting point	no data available
Boiling point/range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability	no data available
Upper/lower flammability	no data available
Explosive limits	no data available
Vapor pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	no data available
Partition coefficient	no data available
Auto-ignition temperature	no data available
Decomposition Temp	no data available
log Pow	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

Other safety information

No data available

Section 10: Stability and Reactivity

Reactivity	no data available
Chemical stability	stable under recommended storage conditions.

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Possibility of hazardous reactions	no data available
Conditions to avoid	no data available
Incompatible materials	no data available
Hazardous decomposition products	no data available
Other decomposition products:	no data available
In the event of fire	see section 5

Section 11: Toxicological Information

Acute toxicity	Classified based on available data. For more details, see section 2
Skin corrosion/irritation	Classified based on available data. For more details, see section 2
Serious eye damage/irritation	Classified based on available data. For more details, see section 2
Respiratory or skin sensitisation	Classified based on available data. For more details, see section 2
Germ cell mutagenicity	Classified based on available data. For more details, see section 2

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.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is Identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component of this product present at levels greater than or equal to 0.1% is Identified as a known or anticipated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is Identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Specific target organ toxicity - single exposure	no data available
Specific target organ toxicity - repeated exposure	no data available
Aspiration hazards	no data available
Additional Information	no data available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	no data available

Section 13: Disposal considerations

Waste treatment methods

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Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

DOT (US)
IMDG
IATA

This substance is considered to be non-hazardous for transport.
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Section 15: Regulatory Information

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313

This material does not contain any chemical components with known CAS numbers That exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

New Jersey Right To Know Components

California Prop. 65 Components

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

Section 16: Other Information

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

Acute Tox.
Eye Irrit.
Skin Irrit.
H315
H319

Acute toxicity
Eye irritation
Skin irritation
Causes skin irritation
Causes serious eye irritation