



INTATRADE

MATERIAL SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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1. IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Product name: **Ethynylferrocene**
Product code: EO00617
Company: INTATRADE Chemicals GmbH
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture Not a dangerous substance according to GHS. This substance is not classified as dangerous according to Directive 67/548/EEC.
Label elements The product does not need to be labelled in accordance with EC directives or respective national laws.
Other hazards none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula: $C_{12}H_{10}Fe$
Molecular Weight: 210,05 g/mol
CAS-No.: 1271-47-2

4. FIRST AID MEASURES

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact Wash off with soap and plenty of water.
In case of eye contact Flush eyes with water as a precaution.
If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental precautions Do not let product enter drains.
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 2 - 8 °C Handle and store under inert gas. Air and moisture sensitive. Metals

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment	
Respiratory protection	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection	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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Eye protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures	General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	solid
Safety data	
pH	no data available
Melting point	50-54°C - lit.
Boiling point	no data available
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Water solubility	no data available

10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Air Avoid moisture.
Materials to avoid	Strong oxidizing agents, Metals
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Iron oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity	no data available
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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
Potential health effects	
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Signs and Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Additional Information	RTECS: no data available

12. ECOLOGICAL INFORMATION

Toxicity	no data available
Persistence and degradability	no data available
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

Product	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Warranty

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Intatrade Chemicals GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.