

Iron Reagent B

Health & Safety data sheet

According to EC Directive 91/155/EC and following amendments

Revision Date: 2016-06-01

Reason for Revision: Reviewed Only

SECTION 1 - IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name:

Application:

- Mi 552B-020 Reagent B
- Iron test for wine analysis

Manufacturer identification: Milwaukee Instruments
2950 Business Park Drive
Rocky Mount, NC 27804

Emergency Telephone n. °: no hazardous product

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of crystalline powders.

SECTION 3 - HAZARD IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC.

SECTION 4 - FIRST AID MEASURES

Remove contaminated, soaked clothing immediately and dispose of safely.

- **After inhalation** : if inhaled remove to fresh air. If breathing becomes difficult, call a physician.
- **After skin contact** : wash off with water and soap.
- **After eye contact** : rinse out with plenty of water for at least 15 minutes. If pain persists, summon medical advice.
- **After swallowing** : wash out mouth with plenty of water, provided person is conscious. Obtain medical attention if feeling unwell.

SECTION 5 – FIRE-FIGHTING MEASURES

- **Suitable extinguishing media:**
 - In adaptation to materials stored in the immediate neighborhood.
- **Special risks:**
 - Non-combustible.
 - Development of hazardous combustion gases or vapors possible in the event of fire.
 - The following may develop in event of fire: carbon monoxide, carbon dioxide.
- **Special protective equipment for fire fighting:**
 - Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
- **Additional information:**
 - Prevent fire-fighting water from entering surface water or groundwater.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- **Personal precautions:**
 - Avoid generation of dusts. Do not inhale dusts.
- **Environmental precautions:**
 - Do not discharge into the drains/surface waters/groundwater's.
- **Additional notes:**
 - Take up dry. Clean up affected area and dispose according to local regulation.

SECTION 7 - HANDLING AND STORAGE

- **Handling:**
 - No further requirements.
 - Accessible only for authorized persons.
- **Storage:**
 - Store at room temperature (+15 to +25 °C recommended).
 - Tightly closed. Protect from light and moisture.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

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- **Personal protective equipment:**
 - as appropriate to quantity handled.
- **Protective gloves:**
 - rubber or plastic.
- **Respiratory protection:**
 - required when dusts are generated.
- **Eye protection:**
 - goggles or face mask.

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

- **Appearance and odor** : light yellow powder, odorless
- **Solubility in water** : 213 g/L at 25°C.
- **Melting point** : ~ 165°C
- **Boiling point** : NA
- **pH value at 20°C** : 5 - 7 at 100 g/L in water
- **density at 20°C** : ND
- **flash point** : NA
- **explosive properties** : NA
- **explosion limits** : NA
- **ignition temperature** : NA

SECTION 10 - STABILITY AND REACTIVITY

- **Conditions to be avoided:**
 - Stable.
- **Hazardous decomposition products:**
 - In the event of fire: see section 5.
- **Substances to be avoided:**
 - Strong oxidizing agents.
- **Hazardous Polymerization:**
 - Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity

Quantitative data on the toxicity of this product are not available.

Further toxicological information

Hazardous properties cannot be excluded, but are relatively unlikely because of the low concentration of the dissolved substances and to the data of the components, when the product is handled appropriately.

Further data

The product should be handled with the care usual when dealing with chemicals.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available.

Further ecological data:

No ecological problems are to be expected when the product is handled and used with due care and attention.

SECTION 13 - DISPOSAL CONSIDERATIONS

- **Waste disposal:**
 - chemical residues are generally classified as special waste and thus covered by local regulations. Contact local authorities or disposal companies for advice.

SECTION 14 - TRANSPORT INFORMATION

Not subject to transport regulations.

SECTION 15 - REGULATORY INFORMATION

Labeling according to EC Directives:

Symbol: -
R-phrases : -
S-phrases : 22-24/25 Do not breathe dust. Avoid contact with skin and eyes.
Contains : -

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SECTION 16 - OTHER INFORMATION

- **Supersedes edition of** : / (1st edition)
- **Legend** : NA Not applicable
ND Not determined

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT.