

MI512-100 Phosphate Reagent

Material Safety Data Sheets



According to Regulations and (EC) 1707/2006

Date of issue: 04 May 2006.

SECTION 1- IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name:

- MI512-100 Phosphate Reagent

Application:

- Determination of phosphate in water samples

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

Non hazardous product as specified in Directive 67/548/EEC and 1999/45/EC.

SECTION 4 - FIRST AID MEASURES

- After inhalation: if inhaled remove to fresh air.
- After skin contact: wash off with water. Remove contaminated clothing.
- After eye contact: rinse out with plenty of water. If pain persists, summon medical advice.
- After swallowing: Drink plenty of water, induce vomiting, obtain medical advise.

SECTION 5 – FIRE-FIGHTING MEASURES

- Suitable extinguishing media
 - Water spray, foam, dry powder or carbon dioxide.
- Special risks:
 - Non combustible.
- 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 or ground water.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions:
 - None
- Environmental precautions:
 - None

SECTION 7 - HANDLING AND STORAGE

- Handling:
 - No restrictions
- Storage:
 - Keep container closed and protected from direct sunlight.
 - Store at room temperature (+15°C to +25°C).

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

- Personal protective equipment:
 - As appropriate to quantity handled.
- Protective gloves:
 - Rubber or plastic.
- Respiratory protection:
 - Required when vapors/aerosols are generated.
- Eye protection:
 - Goggles or face mask.

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

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

- Appearance : white powder
- Odor : odorless
- Solubility in water : soluble
- Melting point : ND
- Boiling point : NA
- pH value at 20°C : 1.5
- density at 20°C : ND
- flash point : NA
- explosion limits : NA
- Flash point: NA

SECTION 10 - STABILITY AND REACTIVITY

- Conditions to be avoided:
ND
- Hazardous decomposition products:
ND.
- Substances to be avoided:
ND
- Hazardous polymerization:
- Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

In Case of Inhalation:

In Case of Skin Contact: Possibility of slight irritations.

In Case of Eye Contact: Possibility of slight irritations.

In Case of Ingestion: Possible symptoms: nausea, vomiting, gastrointestinal and mouth pain, diarrhea.

Further Data: No toxic effects are to be expected when the product is handled with the usual care when dealing with chemicals

SECTION 12 - ECOLOGICAL INFORMATION

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

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. Handle contaminated packaging in the same way as the substance itself.

SECTION 14 - TRANSPORT INFORMATION

Land, Sea and Air: Not subject to transport regulations.

SECTION 15 - REGULATORY INFORMATION

Labeling according to EC Directives:

Symbol: Non-hazardous according to Directives 67/548/EEC and 1999/45/EC.

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

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SECTION 16 - OTHER INFORMATION

Text of R-phrases under Section 3

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.

Revision Information

2008-12-01

Reason for revision: REACH Compliance and General Update

Legend

NA: Not Applicable

ND: Not Determined