

MATERIAL SAFETY DATA SHEET

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SECTION 1]: PRODUCT AND COMPANY IDENTIFICATION

1.1.Product Details

Product Name: Magnetic particles

Trade Name: EMG1200

Chemical Name: Proprietary product

Chemical Formula: Mixture

Molar Mass: N/A

Chemical Family: Dry iron oxide particles with surfactant

Manufacturer' s Code: None

1.2.Manufacturer

Manufacturer' s Name: Ferrotec Corporation

Importers / distributor' s Name & Address: 1-4-14 Kyobashi Chuō-ku, Tokyo, Japan

Telephone Number: +81-3-3281-8808

Emergency Telephone number: +1 (800) 424-9300 / CHEMTREC(US only)

+1 (703) 527-3887 / CHEMTREC (International)

Other product safety information: +1 (603) 472-6800 / Ferrotec (USA) Corporation (NH)

+81-479-73-6752 / Ferrotec Corp. Ferrofluid Dept. (JAPAN)

+49-7022-9270-0 / Ferrotec GmbH (Germany)

SECTION 2]: COMPOSITION / INFORMATION ON INGREDIENTS

The precise composition of this mixture is proprietary information.

A more complete disclosure will be provided to a physician or a nurse in the event of a medical emergency. All components are registered each in Chemical Abstracts Service.

Composition	Proportion (%by weight)	Exposure Limit	Toxicity Data
A Iron oxide	67.0- 72.6	Not applicable	Not applicable
B Surfactant	27.4 - 37.0	Not applicable	Not applicable

SECTION 3]: HAZARDS IDENTIFICATION

Most important hazards: None

Potential health effects

Ingestion: No significant health hazards identified.

Eye contact: No significant health hazards identified.

Skin contact: No significant health hazards identified.

Inhalation: Inhalation of oil mist or vapors at elevated temperatures may cause respiratory

irritation.

SECTION 4]: FIRST AID MEASURES

Ingestion: Consult a physician for treatment

Eye contact: Flush with water and consult a physician for treatment

Skin contact: Wash with soap and water.

Inhalation: Move affected person to fresh air and consult a physician for treatment.

Notes to physician: A more complete disclosure will be provided to a physician in the event of a medical emergency.

SECTION 5]: FIRE FIGHTING MEASURES

Flammable properties

Flash point: Not applicable

Flammable limits: Not applicable

Extinguishing Media: Not applicable

Fire fighting instruction: Not applicable