

# MAGNAFLUX MAGNETIC PARTICLE 2 YELLOW

Product: 001

Revision Date: 2009/01/15

## Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** Magnaflux  
3624 West Lake Avenue  
Glenview, Illinois 60025  
(847)657-5300.

**Manufacturer emergency phone number:** 813-248-0585 (CHEM TEL).

**Product name:** Magnaflux Magnetic Particle 2 Yellow

**Chemical family:** Mixture.

### HMIS

**H 1**

**F 0**

**R 0**

**PPE Sec. 8**

## Section 2 : INGREDIENT INFORMATION

C.A.S.	Conc% wgt/wgt	Ingredient Name	ACGIH-TLV TWA	LD/50	LC/50
		NO HAZARDOUS INGREDIENTS	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

## Section 3 : HAZARD IDENTIFICATION

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.

### Effects of acute exposure

**Eye contact:** Gritty material may scratch eyeball.

**Skin contact:** No hazard known.

**Inhalation:** No hazard known.

**Ingestion:** No hazard known.

**Effects of chronic exposure:** None known.

## Section 4 : FIRST AID MEASURES

**Skin contact:** Wash thoroughly with soap and water.  
Seek medical attention if irritation persists.  
Apply skin cream after washing.

**Eye contact:** Flush with running water for 15 minutes, lifting upper and lower lids occasionally.  
If irritation persists, get medical attention.

**Inhalation:** No first aid should be needed.  
Seek medical attention if symptoms persist.

**Ingestion:** Do not induce vomiting.  
Get medical attention if symptoms persist.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

#### Section 5 : FIRE FIGHTING MEASURES

**Flammability:** Not flammable.

**Conditions of flammability:** Surrounding fire.

**Extinguishing media:** Suitable for surrounding fire.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Auto-ignition temperature:** Not available.

**Flash point (°C), method:** None

**Lower flammability limit (% vol):** None

**Upper flammability limit (% vol):** None

#### Explosion Data

**Sensitivity to static discharge:** Not available.

**Sensitivity to mechanical impact:** Not available.

**Hazardous combustion products:** None known.

**Rate of burning:** Not available.

**Explosive power:** Not available.

#### Section 6 : ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Sweep up.  
Wear appropriate protective equipment.  
Place in appropriate container.

#### Section 7 : HANDLING AND STORAGE

**Handling procedures and equipment:** Avoid getting in eyes.  
Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Avoid breathing dust.  
Wash clothing before re-use.  
Wash thoroughly after handling.

**Storage requirements:** Keep dry.

#### Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Precautionary Measures

**Gloves/Type:** No protection is required under normal conditions of use.

**Respiratory/Type:**



Respirator with filter if sprayed in enclosed area.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** No special requirements.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Adequate ventilation.

**Exposure limit of material:** 5 mg/m<sup>3</sup>.

### Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid

**Appearance & odor:** Odourless.  
Yellow.  
Powder.

**Odor threshold (ppm):** Not applicable.

**Vapour pressure (mmHg):** Not applicable.

**Vapour density (air= 1):** Not applicable.

#### Volatiles (%)

**By volume:** None

**By weight:** None

**Evaporation rate (butyl acetate = 1):** Not applicable.

**Boiling point (°C):** Not applicable.

**Freezing point (°C):** Not available.

**pH:** Neutral.

**Specific gravity @ 20 °C:** 3.0-4.0

**Solubility in water (%):** 0

**Coefficient of water\oil dist.:** Not available.

### Section 10 : STABILITY AND REACTIVITY

**Chemical stability:** Product is stable.

**Conditions of instability:** None known.

**Hazardous polymerization:** Not available.

**Incompatible substances:** Acids

**Hazardous decomposition products:** None known.

### Section 11 : TOXICOLOGICAL INFORMATION

**LD50 of product, species & route:** Not available.

**LC50 of product, species & route:** Not available.

**Sensitization to product:** Not available.

**Reproductive effects:** None known.

**Teratogenicity:** None known.

**Mutagenicity:** None known.

**Synergistic materials:** None known.

#### Section 12 : ECOLOGICAL INFORMATION

**Environmental toxicity:** No data at this time.

**Environmental fate:** No data at this time.

#### Section 14 : TRANSPORT INFORMATION

**TDG classification:** Not regulated.

#### Section 15 : REGULATORY INFORMATION

##### EU Regulatory Information

**European Union (EU)** EU labeling not required.

**Regulatory Information:** This product is not dangerous as defined by the European Union.

**EU Risks:** Not applicable.

**EU Safety:** Not applicable.

**EINECS#:** Not applicable.

**EU Symbols:** Not applicable.

#### Section 16 : OTHER INFORMATION

**Supplier MSDS date:** 2009/01/15

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