

**MATERIAL SAFETY DATA SHEET (MSDS)**

EM Science  
M A T E R I A L   S A F E T Y   D A T A   S H E E T

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Section I   Product Identification and Use  
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Manufacturer:

EM SCIENCE

A Division of EM Industries

P.O. Box 70

480 Democrat Road

For More Information Call

856-423-6300 Technical Service

Monday - Friday; 8:00 AM to 5:00 PM

In Case of Emergency Call

800-424-9300 CHEMTREC (USA)

material that is burning. Firefighters should wear self-contained breathing apparatus.

**Flash point / method:** Not applicable

**UEL:** Not applicable

**LEL:** Not applicable

**Autoignition Temperature:** Not applicable

**Hazardous Combustion Products:** NO<sub>x</sub>, SO<sub>x</sub>, CO<sub>x</sub>

**Explosion data - sensitivity to mechanical impact:** No

- **sensitivity to static discharge:** No

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### Section V Reactivity Data

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**Conditions of instability:** Normally stable

**Incompatibilities:** Oxidizers

**Conditions of reactivity:** Normally stable

**Hazardous decomposition products:** NO<sub>x</sub>, SO<sub>x</sub>

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### Section VI Toxicological Properties / Health Hazard Data

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**Route of entry:**

-**skin contact:** May irritate

-**skin absorption:** No information available

-**eye contact:** Irritates

-**inhalation:** May irritate

-**ingestion:** Harmful

**LC<sub>50</sub>:** Not available

**LD<sub>50</sub>:** 600 mg/kg (ipr-mus)

**Exposure Limits:** Not established

**Effects of Acute Exposure:** No information available

**Effects of Chronic Exposure:** No information available

**Irritancy:** No experimental information available

**Sensitization to Product:** No information available

**Carcinogenicity:** No information available

**Reproductive Toxicity:** No information available

**Teratogenicity:** No information available

**Mutagenicity:** No information available

**Toxicologically Synergistic Products:** None found

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### Section VII First aid measures

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**Skin:** Flush the contact area with lukewarm running water for at least 15 minutes. Remove contaminated clothing, taking care not to spread the chemical. If contamination is extensive, remove clothing under running water. Discard or decontaminate clothing under running water. Discard or decontaminate clothing before use. Unless contact has been slight, seek medical attention. Seek medical attention if irritation persists.

**Eye:** Flush the contaminated eye(s) for at least 15 minutes with lukewarm running water, holding the eyelids open. Take care not to rinse contaminated water into the non-affected eye. Alw--NlistF16 1tI9r(water ineast 15 minutes wa (

breathing has stopped, trained personnel should begin artificial respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.

**Ingestion:** Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 200-400 ml of water to dilute. If breathing has stopped, trained personnel should begin artificial respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.

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### Section VIII Preventive Measures

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**Engineering Controls:** Engineering control methods to reduce hazardous exposures are preferred. Methods include mechanical ventilation (dilution and local exhaust), process or personnel enclosure, control of process conditions, and process modification. Administrative controls and personal protective equipment may also be required.

**Personal protective equipment:**

Sep 28, 2000

**WHMIS Classification: D2B**

**The statements contained herein are offered for informational purposes only and**