

# MATERIAL SAFETY DATA SHEET (MSDS)

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## Material Safety Data Sheet

### Section 1. Product and Company Identification

<b>Product Name</b>	<b>Ammonium Dihydrogen Phosphate, SUPRAPUR ®</b>	<b>Product Code</b>	1440
<b>Manufacturer</b>	EM Science	<b>Effective Date</b>	10/29/2001
	A Division of EM Industries		
	P.O. Box 70		
	480 Democrat Road		
	Gibbstown, N.J. 08027		

#### For More Information Call

856-423-6300 Technical Service  
Monday-Friday: 8:00 AM - 5:00 PM

#### In Case of Emergency Call

800-424-9300 CHEMTREC (USA)  
613-996-6666 CANUTEC (Canada)  
24 Hours/Day: 7 Days/Week

<b>Synonym</b>	AMMONIUM DIHYDROGEN PHOSPHATE
<b>Material Uses</b>	Analytical reagent.
<b>Chemical Family</b>	Inorganic salt.

### Section 2. Composition and Information on Ingredients

<b>Component</b>	<b>CAS #</b>	<b>% by Weight</b>
AMMONIUM PHOSPHATE, MONOBASIC	7722-76-1	100

### Section 3. Hazards Identification

**Physical State and Appearance** Solid. (Crystals solid. Granular solid.)

#### Emergency Overview

**CAUTION!**

Handling care generally in keeping with safe laboratory practices is recommended.

**Routes of Entry** Inhalation. Ingestion.

#### Potential Acute Health Effects

**Eyes** No known acute effects of this product resulting from eye contact.

**Skin** No known acute effects of this product resulting from skin contact.

**Inhalation** No known acute effects of this product resulting from inhalation.

**Ingestion** No known acute effects of this product resulting from ingestion.

#### Potential Chronic Health Effects

**Carcinogenic Effects** This material is not known to cause cancer in animals or humans.

Additional information See Toxicological Information (section 11)

**Medical Conditions Aggravated by Overexposure:** Repeated or prolonged exposure is not known to aggravate medical condition.

### Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

**Skin Contact** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

### Section 5. Fire Fighting Measures

**Flammability of the Product** Non-flammable.

**Auto-ignition Temperature** Not applicable.

**Flash Points** Not applicable.

**Flammable Limits** Not applicable.

**Products of Combustion** Not available.

**Fire Hazards in Presence of Various Substances** Not applicable.

**Explosion Hazards in Presence of Various Substances**

**Risks of explosion of the product in presence of static discharge: No.**

**Risks of explosion of the product in presence of mechanical impact: No. **No.****

<b>Vapor Pressure</b>	Not available.
<b>Vapor Density</b>	Not available.
<b>Odor Threshold</b>	Not available.
<b>Evaporation Rate</b>	Not available.
<b>LogKow</b>	Not available.
<b>Solubility</b>	Soluble in water.

### Section 10. Stability and Reactivity

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	Not available.
<b>Incompatibility with Various Substances</b>	Not available.
<b>Rem/Incompatibility Hazardous</b>	Not available.
<b>Decomposition Products Hazardous</b>	Will not occur.
<b>Polymerization</b>	

### Section 11. Toxicological Information

<b>RTECS Number:</b>	Ammonium Phosphate, Monobasic, GR	Not available.
<b>Toxicity</b>	LD50: Not available. LC50: Not available.	
<b>Chronic Effects on Humans</b>	Not available.	
<b>Acute Effects on Humans</b>	Not available.	
<b>Synergetic Products (Toxicologically)</b>	Not available.	
<b>Irritancy Sensitization</b>	Draize Test: Not available. Not available.	
<b>Carcinogenic Effects</b>	This material is not known to cause cancer in animals or humans.	
<b>Toxicity to Reproductive System</b>	Not available.	
<b>Teratogenic Effects</b>	Not available.	
<b>Mutagenic Effects</b>	Not available.	

### Section 12. Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>BOD5 and COD</b>	Not available.
<b>Toxicity of the Products of Biodegradation</b>	The product itself and its products of degradation are not toxic.

### Section 13. Disposal Considerations

<b>EPA Waste Number</b>	Not available.
<b>Treatment</b>	Material does not have an EPA Waste Number and is not a listed waste, however consultation with a permitted waste disposal site (TSD) should be accomplished. Always contact a permitted waste disposal (TSD) to assure compliance with all current local, state, and Federal Regulations.

### Section 14. Transport Information

<b>DOT Classification</b>	Not available.
<b>TDG Classification</b>	Not available.
<b>IMO/IMDG Classification</b>	Not available.
<b>ICAO/IATA Classification</b>	Not available.

### Section 15. Regulatory Information

<b>U.S. Federal Regulations</b>	TSCA 8(b) inventory: AMMONIUM PHOSPHATE, MONOBASIC
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SARA 302/304/311/312 extremely hazardous substances: No products were found.  
 SARA 302/304 emergency planning and notification: No products were found.  
 SARA 302/304/311/312 hazardous chemicals: No products were found.  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.  
 SARA 313 toxic chemical notification and release reporting: AMMONIUM PHOSPHATE, MONOBASIC  
 Clean Water Act (CWA) 307: No products were found.  
 Clean Water Act (CWA) 311: No products were found.  
 Clean air act (CAA) 112 accidental release prevention: No products were found.  
 Clean air act (CAA) 112 regulated flammable substances: No products were found.  
 Clean air act (CAA) 112 regulated toxic substances: No products were found.  
 Not controlled under WHMIS (Canada).  
 CEPA DSL: AMMONIUM PHOSPHATE, MONOBASIC

**WHMIS (Canada)**

**International Regulations**

**EINECS**  
**DSCL (EEC)**  
**International Lists**

AMMONIUM PHOSPHATE, MONOBASIC 231-764-5  
 This product is not classified according to the EU regulations.  
 Australia (NICNAS): AMMONIUM PHOSPHATE, MONOBASIC

Japan (MITI): AMMONIUM PHOSPHATE, MONOBASIC

Korea (TCCL): AMMONIUM PHOSPHATE, MONOBASIC

Philippines (RA6969): AMMONIUM PHOSPHATE, MONOBASIC

China: No products were found.

No products were found.

California prop. 65: No products were found.

**State Regulations**

**Section 16. Other Information**

<b>National Fire Protection Association (U.S.A.)</b>	<b>Health</b>	<b>0</b>	<b>Fire Hazard</b>
		<b>0</b>	<b>Reactivity</b>
			<b>Specific Hazard</b>

**Changed Since Last Revision** +  
**Notice to Reader**

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