

MATERIAL SAFETY DATA SHEET (MSDS)

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Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name	Ammonium Dihydrogen Phosphate, SUPRAPUR ®	Product Code	1440
Manufacturer	EM Science	Effective Date	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

Synonym	AMMONIUM DIHYDROGEN PHOSPHATE
Material Uses	Analytical reagent.
Chemical Family	Inorganic salt.

Section 2. Composition and Information on Ingredients

Component	CAS #	% by Weight
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.**

Vapor Pressure	Not available.
Vapor Density	Not available.
Odor Threshold	Not available.
Evaporation Rate	Not available.
LogKow	Not available.
Solubility	Soluble in water.

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

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

Section 12. Ecological Information

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

Section 13. Disposal Considerations

EPA Waste Number	Not available.
Treatment	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

DOT Classification	Not available.
TDG Classification	Not available.
IMO/IMDG Classification	Not available.
ICAO/IATA Classification	Not available.

Section 15. Regulatory Information

U.S. Federal Regulations	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

National Fire Protection Association (U.S.A.)	Health	0	Fire Hazard
		0	Reactivity
			Specific Hazard

Changed Since Last Revision +
Notice to Reader

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