


MSDS	Material Safety Data Sheet
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Ammonium phosphate monobasic

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

PRODUCT NAME	Ammonium phosphate monobasic
RECOMMENDED USE & RESTRICTIONS ON USE	Research use only
INFORMATION OF MANUFACTURER/IMPORTER/SUPPLIER	
COMPANY	Eurolab ®
ADDRESS	54-58 High Street Edgware, Middlesex, HA8 7EJ, UK
EMERGENCY PHONE	
E-MAIL ADDRESS	

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION	Eye corrosion/irritation : Category 2 Acute toxicity(inhalation : gas) : Category 3	
LABEL ELEMENTS	PICTOGRAM	
	HAZARD SYMBOL	WARNING
	HAZARD STATEMENTS	H319 Causes serious eye irritation H335 May cause respiratory irritation
	PRECAUTIONARY STATEMENTS	P261 (dust, fume, gas, vapor, mist or spray) Avoid inhalation. P264 Wash thoroughly after handling treated area. P271 Please treat on a well-ventilated area or outdoors. P280 Wear (Protective gloves, protective goggles, face shield). P302+ P352 - IF ON SKIN: Wash with plenty of soap and water P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P305 + P351 + P338

		- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
OTHER HAZARDS (NFPA)	Health	1
	Fire	0
	Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	SYNONYMS	CAS NUMBER	ASSAY
AMMONIUM PHOSPHATE MONOBASIC	AMMONIUM BIPHOSPHATE	7722-76-1	Above 98%(EP)

4. FIRST AID MEASURES

GENERAL ADVICE	Consult a physician. Show this safety data sheet to the doctor in attendance.
IN CASE OF EYE CONTACT	Rinse thoroughly with plenty of water for at least 15 minutes and consult a Physician.
IN CASE OF SKIN CONTACT	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
IF INHALED	Move to fresh air. If breathing becomes difficult, give oxygen.
IF SWALLOWED	Clean mouth with water and afterwards drink plenty of water.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Dry chemical, CO ₂ , water spray or regular foam
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	-
SPECIAL PROTECTIVE	Wear self contained breathing apparatus for fire fighting if necessary.

EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:	
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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
ENVIRONMENTAL PRECAUTIONS	Do not let product enter drains.
METHODS FOR CLEANING UP	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
CONDITIONS FOR SAFE STORAGE	Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE STANDARDS	ACGIH	No data
APPROPRIATE ENGINEERING CONTROLS:		Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
INDIVIDUAL PROTECTION MEASURES	RESPIRATORY PROTECTION	For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

	EYE PROTECTION	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
	SKIN AND BODY PROTECTION	impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
	HAND PROTECTION	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	FORM	Solid
	COLOR	White
ODOUR		Odorless
ODORODOUR THRESHOLD VALUE		No data
pH		No data
FREEZING POINT :		190 °C
INITIAL BOILING POINT		No data
FLASH POINT		No data
EVAPORATING RATE		No data
FLAMMABILITY(solid, gas)		No data
EXPLOSIVE LIMITS		No data
VAPOR PRESSURE		0.50 mmHg (125 °C)
SOLUBILITY IN	WATER	22.7% @ 0 °C
SPECIFIC GRAVITY (WATER = 1)		1.803 @ 19 °C
RELATIVE DENSITY		No data
PARTITION COEFFICIENT: N-OCTANOL/WATER		No data
AUTOIGNITION TEMPERATURE		No data

DECOMPOSITION TEMPERATURE	No data
VISCOSITY	No data
MOLECULAR WEIGHT	222.65

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY & POSSIBILITY OF HAZARDOUS REACTIONS	Stable under recommended storage conditions.
CONDITIONS TO AVOID	no data available.
INCOMPATIBLE MATERIALS	-
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous decomposition products formed under fire conditions. - nitrogen oxides (NO _x), Oxides of phosphorus Other decomposition products - no data available.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON THE LIKELY ROUTES OF EXPOSURES:	No data	
HEALTH HAZARD INFORMATION	ACUTE TOXICITY	Oral LD50 LD50 Oral - rat - 5,750 mg/kg Inhalation LC50 no data available Dermal LD50 LD50 Dermal - rabbit - > 7,940 mg/kg Other information on acute toxicity no data available
	SKIN CORROSION/ SKIN IRRITATION	Skin - Human - Mild skin irritation.
	EYE DAMAGE/ EYE IRRITATION	Eyes - Human - Mild eye irritation.
	RESPIRATORY SENSITIZATION	No data
	SKIN SENSITIZATION	no data available.
	CARCINOGENICITY	IARC: No component of this product present at levels

		greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
	GERM CELL MUTAGENICITY	No data
	TOXIC TO REPRODUCTION	No data
	SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE	No data
	SPECIFIC TARGET ORGAN TOXICITY REPEATED EXPOSURE	No data
	ASPIRATION HAZARD	No data

12. ECOLOGICAL INFORMATION		
ECOTOXICITY	TO FISH	No data
	TO CRUSTACEA	No data
	TO OTHER AQUATIC LIFE	No data
PERSISTENCE/ DEGRADABILITY	PERSISTENCE	No data
	DEGRADABILITY	No data
BIOACCUMULATION POTENTIAL	ACCUMUKATION	No data
	BIODEGRADABILITY	No data

MOBILITY IN SOIL	No data
OTHER ADVERSE EFFECTS	No data

13. DISPOSAL CONSIDERATION	
PRODUCT	Offer surplus and non-recyclable solutions to a licensed disposal company.
CONTAMINATED PACKAGING	Dispose of as unused product.

14. TRANSPORT INFORMATION	
IATA	
UN NUMBER	Not dangerous goods
UN PROPER SHIPPING NAME	Not dangerous goods
TRANSPORT HAZARD CLASS	Not dangerous goods
PACKING GROUP	Not dangerous goods
MARINE POLLUTANT	Not dangerous goods
SPECIAL PRECAUTIONS FOR USER	
IN CASE OF FIRE	Not dangerous goods
IN CASE OF LEAK	Not dangerous goods

15. REGULATORY INFORMATION		
Occupational Safety and Health Act	Not listed	
Toxic Chemicals Control Act	Not listed	
Safety Control of Dangerous Substance Act	Not listed	
Wastes Control Act	Not listed	
Persistent Organic Pollutants Control Act	Not listed	
US REGULATIONS	OSHA	No data
	CERCLA	No data
	EPCRA302	No data

	EPCRA304	No data
	EPCRA313	No data
	ROTTERDAM CONVENTION	No data
	STOCKHOLM CONVENTION	No data
	MONTREAL PROTOCOL	No data
EU CLASSIFICATION INFORMATION	CLASSIFICATION	No data
	RISK PHRASES	No data
	SAFETY PHRASES	No data

16. OTHER INFORMATION	
ORIGINATED DATE	2012.01.01
REVISION NUMBER AND DATE	Revision number: 0 Final revision data: 2012.01.01
OTHER	The information in this MSDS is based on several references and the present state of our knowledge. However, the MSDS dose not always cover all information about product. The information in this MSDS is only provision of information, and It does not represent any guarantee of the properties of the product.