

Safety Data Sheet (SDS)

MONO AMMONIUM PHOSPHATE

1. Identification of the Substance	PRODUCT NAME: Mono Ammonium Phosphate DISTRIBUTOR: EcoFusion Inc., PO Box 251408. Plano, TX 75025 – 1408 (USA) TEL: +1 972 403 7449 FAX: +1 214 291 5348 EMERGENCY: CHEMTREC 800 424 9300
2. Hazards Identification	Risk categories: No Not classified according to GHS. No adverse health or environmental effects are expected to occur as a result of normal conditions of use.
3. Composition / Information on Ingredients	CHEMICAL FORMULA: NH ₄ H ₂ PO ₄ EINECS #: 231-764-5 CAS NO.: 7722-76-1 SYNONYMS: Ammonium Phosphate MOLECULAR WEIGHT: 115.03
4. First Aid Measures	SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. EYES: Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses if worn. If eye irritation persists: Get medical advice/attention. INGESTION: Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Rinse mouth. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical. INHALATION: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
5. Fire Fighting Measures	EXTINGUISHING MEDIA: Use extinguishing media most appropriate for the surrounding fire. HAZARDS: Oxides of nitrogen, oxides of phosphorus. PROTECTION: Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self-contained breathing apparatus. Wear fire/flame resistant / retardant clothing.
6. Accidental Release Measures	SPILL: Do not touch or walk through spilled material. Keep unauthorized personnel away. Prevent entry into waterways, sewers, basements or confined areas. Avoid generating dust. Sweep or vacuum up and place in an appropriate closed container. LARGE SPILLS: Cover powder spill with plastic sheet or tarp to minimize spreading. Clean up residual material by washing area with water and detergent. Collect washings for disposal.
7. Handling and Storage	HANDLING: Keep containers closed when not in use. Avoid breathing dust. Avoid direct or prolonged contact with skin and eyes. Do not ingest. Do not use in areas without adequate

	ventilation. STORAGE: Store in a cool/low-temperature, well-ventilated, dry place. Store in a tightly closed container.
8. Exposure Controls / Personal protection	ENGINEERING CONTROLS: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. PERSONAL PROTECTIVE EQUIPMENT EYE: Safety glasses. In case of dust production: protective goggles. CLOTHING & SKIN: Impervious clothing. Wear appropriate gloves. RESPIRATORS: For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters.
9. Physical and Chemical properties	PHYSICAL STATE: Solid White Powder ODOUR: Odorless SPECIFIC GRAVITY/RELATIVE DENSITY: 1.8 Water=1 SOLUBILITY IN WATER: Soluble 29.4 % PH: 4.4 to 4.9
10. Stability and Reactivity	STABILITY: Stable under normal conditions. CONDITIONS TO AVOID: Dusting conditions, extreme heat, extreme humidity. MATERIALS TO AVOID: Strong bases, sodium hypochlorite. HAZARDOUS POLYMERIZATION: Will not occur HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known
11. Toxicological Information	NA
12. Ecological Information	No Data Available
13. Disposal Considerations	METHODS OF DISPOSAL: Dispose of according to all applicable governments' regulation.
14. Transport Information	Not Regulated
15. Regulatory Information	Not Controlled
16. Other Information	Date prepared: 6/12/2016 Revision Date: NA

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USERS' RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR THEIR OWN PARTICULAR USE.

All non-emergency questions should be Directed to Customer Service at

24 hour emergency Telephone: Chemtrec 800-424-9300
National response in Canada: Canutec 613-996-6666
Outside US & Canada: Chemtrec: 202-483-7616

Note: Chemtrec and Canutec emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, exposure or accident involving chemicals.