

## Safety Data Sheet (SDS)

# AMMONIUM SULFATE

<b>1. Identification</b>	<b>PRODUCT NAME:</b> Ammonium Sulfate <b>DISTRIBUTOR:</b> EcoFusion Inc., PO Box 251408. Plano, TX 75025 – 1408 (USA) <b>TEL:</b> +1 972 403 7449 <b>FAX:</b> +1 214 291 5348 <b>EMERGENCY:</b> CHEMTREC 800 424 9300
<b>2. Hazards Identification</b>	<b>INHALATION:</b> May cause mild irritation to mucuos membrane <b>INGESTION:</b> May develop GI, Stomach problems <b>SKIN/EYE:</b> Dust may irritate
<b>3. Composition / Information on Ingredients</b>	<b>CHEMICAL FORMULA:</b> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> <b>MOLECULAR MASS:</b> 132.14 g/mol <b>CAS NO.:</b> 7783-20-2 <b>INGREDIENTS:</b> Ammonium Sulfate <b>RTECS No:</b> BS4500000 <b>CLASSIFICATION:</b> Not regulated
<b>4. First Aid Measures</b>	<b>INHALATION:</b> Remove to fresh air, give CPR, get MD <b>INGESTION:</b> Give LOTS of water, donot induce vommiting, immediatly get MD <b>SKIN/EYE:</b> Flush with water for 15 Mins., remove contaminated clothing, get MD
<b>5. Fire Fighting Measures</b>	<b>PROCEDURE:</b> Use water to cool exposed containers. Use protective clothing <b>Unusual Fire or Explosion:</b> May explode if mixed w/oxidizers, such as potassium nitrite, nitrate, or chlorate. <b>EXTINGUISHING MEDIA:</b> Extinguish with media suitable for sourrounding fire
<b>6. Accidental Release Measures</b>	Ventilate area of spill. Clean up persons and use protective clothing and respiratory protection from dust. Pick up spill & place in a suitable container for reclamation or disposal in a method that does not generate dust.
<b>7. Handling and Storage</b>	<b>HANDLING:</b> The product should be handled with the care usual when dealing with chemicals. Any damaged packages must be isolated and repaired. Change contaminated clothing and launder before re-use, wash hands and face thoroughly after working with substance. Wear personal protective clothing. Avoid substance contact, do not breathe dusts <b>STORAGE:</b> Keep in tightly closed containers in cool, dry conditions. Keep out of direct sunlight and away from sources of heat and ignition. Separate from combustible, organic or other readily oxidisable materials. Avoid contact with Phosphorus, Antimony, Ammonia, Magnesium, Zinc, Aluminium or strong reducing agents. Corrodes steel. Avoid contact with Acetaldehyde, Acetylene and Ammonium Hydroxide. <b>PRECAUTIONS:</b> Ensure adequate ventilation
<b>8. Exposure Controls / Personal protection</b>	<b>RESPIRATORY PROTECTION:</b> Dustproof respirators and Gas masks <b>HAND PROTECTION:</b> Protective gloves. <b>EYE PROTECTION:</b> Face Shield, Goggles. <b>SKIN AND BODY PROTECTION:</b> Full suit, boot. <b>OTHER PRECAUTIONS:</b> Full protective clothing, Safety shower,

	Eye wash station
<b>9. Physical and Chemical properties</b>	<b>PHYSICAL STATE:</b> Granules or Crystals <b>COLOUR:</b> White <b>ODOUR:</b> Slight NH3 Odour <b>SPECIFIC GRAVITY:</b> 1.77 <b>SOLUBILITY:</b> Soluble in water appreciably
<b>10. Stability and Reactivity</b>	<b>STABILITY INDICATOR:</b> Yes <b>MATERIALS TO AVOID:</b> OXIDIZERS; POT/AMM NITRATES; POTASSIUM NITRITE/CHLORATE, ETC <b>STABILITY CONDITION TO AVOID:</b> Not applicable <b>HAZARDOUS POLYMERIZATION:</b> Will not occur <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Emits toxic fumes of Ammonia, Oxides of Nitrogen/Sulfur
<b>11. Toxicological Information</b>	<b>LD50/LC50:</b> CAS# 7783-20-2: Oral, mouse: LD50 = 640 mg/kg; Oral, mouse: LD50 = 4280 mg/kg; Oral, rat: LD50 = 2840 mg/kg; Oral, rat: LD50 = 4540 mg/kg; <b>Carcinogenicity:</b> Not listed by ACGIH, IARC, NTP, or CA Prop 65 <b>Epidemiology:</b> No information found <b>Teratogenicity:</b> No information found <b>Neurotoxicity:</b> No information found
<b>12. Ecological Information</b>	<b>Ecotoxicity:</b> Water flea Daphnia: LC50 = 423 mg/L; 25 Hr; Unspecified No data available <b>Environmental:</b> No information available <b>Physical:</b> No information available <b>Other:</b> Do not empty into drains
<b>13. Disposal Considerations</b>	<b>METHODS OF DISPOSAL:</b> Dispose of according to all applicable governments' regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
<b>14. Transport Information</b>	<b>Not Regulated</b>
<b>15. Regulatory Information</b>	<b>TSCA:</b> CAS# 7783-20-2 is listed on the TSCA inventory <b>SARA Codes:</b> CAS # 7783-20-2: immediate. <b>European/International Regulations</b> <b>Hazard Symbols:</b> Xi <b>Risk Phrases:</b> R 36/37/38 Irritating to eyes, respiratory system and skin. <b>Canada:</b> CAS# 7783-20-2 is listed on the Canadian Ingredient Disclosure List.
<b>16. Other Information</b>	N/A

*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**

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E: sales@ecofusion.net • www.ecofusion.net

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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.