

Safety Data Sheet (SDS)

POTASSIUM SULFATE

1. Identification of the Substance	PRODUCT NAME: Potassium Sulfate 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	MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT EYES: Dust may cause mechanical irritation SKIN: May cause skin irritation INHALATION: May cause respiratory tract irritation INGESTION: Ingestion of large amounts may cause gastrointestinal irritation.
3. Composition / Information on Ingredients	CHEMICAL FORMULA: K ₂ SO ₄ MOLECULAR WEIGHT: 174.26 CAS NO.: 7778-80-5 INGREDIENTS: Potassium, Sulfate EC No: 231-915-5
4. First Aid Measures	SKIN: Flush skin with soap and plenty of water while removing contaminated clothing and shoes EYES: Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical aid INGESTION: If victim is conscious and alert, drink plenty of water. Never give anything by mouth to an unconscious person. Get medical aid INHALATION: Remove to fresh air. Get medical attention
5. Fire Fighting Measures	EXTINGUISHING MEDIA: Use extinguishing media most appropriate for the surrounding fire. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. GENERAL: As in any fire, Wear a self-contained breathing apparatus in pressure-demand, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Potassium sulfate is non-combustible
6. Accidental Release Measures	Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation
7. Handling and Storage	HANDLING: Wash thoroughly after handling, remove contaminated clothing and shoes. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes and skin. Empty containers retain product residue. Avoid ingestion and inhalation STORAGE: Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well ventilated area away from incompatible substances.
8. Exposure Controls / Personal protection	GENERAL: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

	<p>PERSONAL PROTECTIVE EQUIPMENT EYE: Wear appropriate protective eyeglasses or chemical safety goggles. CLOTHING & SKIN: Wear appropriate protective gloves and clothing to prevent exposure. RESPIRATORS: Use an appropriate respirator or dust mask.</p>
9. Physical and Chemical properties	<p>PHYSICAL STATE: White Powder or Crystals ODOUR: Odorless pH: 2.5 – 5.5 BOILING POINT: 1689 Deg C @ 760.00 am Hg MOLECULAR WEIGHT: 174.26 SOLUBILITY IN WATER: 8.5g/100ml VAPOR DENSITY: 2.66 (g/cm3)</p>
10. Stability and Reactivity	<p>STABILITY: Stable under normal temperature and pressure conditions. CONDITIONS TO AVOID: Incompatible materials, dust generation, active metals MATERIALS TO AVOID: Strong oxidizing agents, aluminum, magnesium, sodium, calcium HAZARDOUS POLYMERIZATION: Will not occur HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sulphur, irritating and toxic fumes and gases, oxides of potassium.</p>
11. Toxicological Information	No Information Found
12. Ecological Information	No Data available
13. Disposal Considerations	In accordance with local and national regulations
14. Transport Information	Not Regulated
15. Regulatory Information	Not listed as dangerous goods. Please pay attention to any applicable national regulations as to the hazards and safety information of this product.
16. Other Information	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

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.