



Canadian Agri Products(USA) Corp.

Chemicals to Trade, Experience to Remember

Material Safety Data Sheet (MSDS)

MAPLE POTASSIUM SULFATE

1. Identification of the substance	Product Identifier Product Use Supplier's Name Preparation Date	POTASSIUM SULFATE (SOLUBLE) Soluble Fertilizer Canadian Agri Products (USA) Corp. P.O. Box 251408, Plano, TX 75025 12/2/09
2. Composition /information on ingredients	Primary Ingredient CAS Number EC No. Synonyms Contents Hazard Symbols	POTASSIUM SULPHATE (K ₂ SO ₄) Potassium Sulphate 7778-80-5 231-915-5 Sulphuric acid dipotassium salt, Potassium sulphate Potassium Oxide K ₂ O 50% Up None listed
3. Hazards identification	EMERGENCY OVERVIEW POTENTIAL HEALTH EFFECTS: Eye Skin Ingestion Inhalation	CAUTION! May cause eye and skin irritation. May cause Respiratory irritation Dust may cause mechanical irritation. May cause skin irritation Ingestion of large amounts may cause gastrointestinal irritation. May cause respiratory tract irritation
4. First aid measures	Eyes Skin Ingestion Inhalation	Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical aid Flush skin with soap and plenty of water while removing contaminated clothing and shoes If victim is conscious and alert, drink plenty of water. Never give anything by mouth to an unconscious person. Get medical aid. Remove from exposure to fresh air immediately. Get medical aid
5. Fire fighting measures	General Information	As in any fire, Wear a self-contained breathing apparatus in pressure-demand, and full protective gear.



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	Extinguishing Media	<p>During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Potassium sulfate is non-combustible</p> <p>Use extinguishing media most appropriate for the surrounding fire. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.</p>
6. Accidental release measures	<p>General Information</p> <p>Leak / Spill</p>	<p>Use proper personal protective equipment as indicated in Section 8.</p> <p>Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation</p>
7. Handling and storage	<p>Handling Procedures</p> <p>Storage Requirements</p>	<p>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</p> <p>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.</p>
8. Exposure controls/personal protection	<p>Protective Equipment</p> <p>PERSONAL PROTECTIVE EQUIPEMENT</p> <p>Eyes</p> <p>Skin</p> <p>Clothing</p> <p>Respirators</p>	<p>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> <p>Wear appropriate protective eyeglasses or chemical safety goggles.</p> <p>Wear appropriate protective gloves to prevent skin exposure.</p> <p>Wear appropriate protective clothing to prevent skin exposure</p> <p>Use an appropriate respirator or dust mask.</p>
9. Physical and chemical properties	<p>Physical State</p> <p>Appearance</p> <p>Odour</p> <p>PH</p> <p>Boiling Point</p> <p>Flash Point</p> <p>Decomposition</p> <p>Temperature</p> <p>Odour Threshold</p> <p>Explosion Limits,</p>	<p>Crystals</p> <p>White, Powder or crystals</p> <p>Odorless</p> <p>2.5-5.5</p> <p>1689 deg C @ 760.00 am Hg</p> <p>Not applicable</p> <p>Not available</p> <p>2.66 (water = 1.0)</p>



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	<p>Lower Upper</p> <p>Water solubility Vapour Density Molecular Formula Molecular weigh</p>	<p>Not available Not available</p> <p>8.5g/100ml(25DC) 2.66 (g/cm3) K₂SO₄ Potassium Sulphate 174.26 Potassium Sulphate</p>
10. Stability and reactivity	<p>Stability Conditions to avoid Incompatibilities with other Materials Hazardous Products of Decomposition Hazardous Polymerization</p>	<p>Stable under normal temperatures and pressures conditions Incompatible materials, dust generation, active metals. Strong oxidizing agents, aluminium, magnesium, sodium, calcium. Oxides of sulphur, irritating and toxic fumes and gases, oxides of potassium. Will not occur.</p>
11. Toxicological information	<p>LD50</p>	<p>6600 mg/kg Oral,rat. The toxicological properties of this material have not been fully investigated</p>
12. Ecological information	<p>Ecotoxicity Environmental Effects</p>	<p>No data available. No information available. If diluted with water, This chemical released directly or indirectly into the environment is not expected to have a significant impact.</p>
13. Disposal considerations	<p>Waste Disposal</p>	<p>In accordance with local and national regulations</p>
14. Transport information	<p>Transport Information</p>	<p>In accordance with local and national regulations</p>
15. Regulatory information	<p>Note</p>	<p>CAS # 7778-80-5 is listed on the TSCA inventory. None of the chemicals in this product are considered highly hazardous by OSHA. In accordance with local and national regulations.</p>



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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

972-403-7444

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.