



Canadian Agri Products(USA) Corp.

Chemicals to Trade, Experience to Remember

Material Safety Data Sheet (MSDS)

MAPLE ZINC SULFATE HEPTAHYDRATE

1. Identification of the substance	Proprietary: Ingredient: CAS Number:	NO ZINC SULFATE 7446-20-0
2. Composition /information on ingredients	Appearance and Odor: Boiling Point: Melting Point: Specific Gravity: Decomposition Temperature: Solubility In Water:	COLORLESS CRYSTALS OR GRANULES, ODORLESS. DECOMPOSES 212F/100C 1.97 932F/500C SOLUBLE
3. Fire and Explosion Hazard Data	Flash Point: Extinguishing Media: Special Fire Fighting Proc: Unusual Fire And Explosion Hazards:	NONE USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE. IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND. SEALED CONTAINERS OF THIS MATERIAL MAY RUPTURE AT MODERATE TEMPERATURES. FORMS ACIDIC SOLUTIONS IN WATER.
4. Reactivity Data	Stability: Conditions To Avoid (Stability): Materials To Avoid: Hazardous Decomposition Products: Hazardous Poly Occur: Conditions To Avoid (Poly):	YES STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE. LEAD, CALCIUM, STRONTINUM SALTS, BORAX, ALKALI CARBONATES AND HYDROXIDES, SILVER PROTEIN AND TANNINS. TOXIC OXIDES OF SULFUR AND ZINC. NO THIS SUBSTANCE DOES NOT POLYMERIZE.
5. Health Hazard Data	Route of Entry – Inhalation: Skin: Ingestion:	 YES YES YES



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	<p>Health Hazard Acute And Chronic: INHALATION- POSSIBL MILD IRRITATION OF THE RESPIRATORY TRACT & LUNGS. INGESTION – IRRITATION OF THE MUSCOUS MEMBRANES. SKIN – MILD IRRITANT AND ASTRIGENT. EYE-IRRITANT, CHRONIC: REPEATED SKIN CONTACT CAN CAUSE SWELLING OR OTHER SKIN ERUPTIONS. ANEMIA HAS BEEN REPORTED.</p> <p>Explanation Carcinogenicity: NO DATA AVAILABLE. Signs/Symptoms of Overexposure: INHALATION-PAIN, COUGHING & DIFFICULTY IN BREATHING. INGESTION-STOMACH CRAMPS, STRICTURE OF THE ESOPHAGUS, NAUSEA AND VOMITING. SKIN-CAN CAUSE PAIN AND IRRITATION. EYE-CAN CAUSE PAIN AND REDNESS.</p> <p>Medical Conditions Aggravated By Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED RESPIRATORY FUNCTIONS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.</p> <p>Emergency/First Aid Proc: INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY. INGESTION-GIVE SEVERAL GLASSES OF WATER OR MILK.VOMITING MAY OCCUR, BUT DO NOT INDUCE. GET MEDICAL ATTENTION. SKIN-WASH THOROUGHLY WITH RUNNING WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS. EYE-IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15MIN. CALL A PHYSICIAN IF IRRITATION DEVELOPS.</p>
<p>6. Precautions for Safe Handling and Use</p>	<p>Steps If Material Released/Spill: VENTILATE AREA OF LEAK OR SPILL. CLEANUP PERSONNEL REQUIRE PROTECTIVE CLOTHING & RESPIRATORY PROTECTION FROM DUST.</p> <p>Deactivating Materials: PICK UP AND PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST.</p> <p>Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.</p> <p>Waste Disposal Method: DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.</p> <p>Precautions- Handling/Storing: KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE.</p>



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7. Control Measures	Respiratory Protection: FOR CONDITIONS WHERE EXPOSURE TO THE DUST IS APPARENT, A DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LEVELS ARE NOT KNOWN, USE A POSITIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR. Ventilation: LOCAL EXHAUST SYSTEM. Protective Gloves: WEAR PROTECTIVE GLOVES. Eye Protection: USE CHEMICAL SAFETY GOGGLES. Other Protective Equipment: Work Hygienic Practices: WEAR CLEAN BODY COVERING CLOTHING. MAINTAIN EYE WASH FOUNTAIN AND QUICK DRENCH FACILITIES IN WORK AREA. Safety & Health Data: WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING DUST.
8. Label Data	Special Hazard Precautions: ACUTE IRRITATION OF EYES, SKIN AND RESPIRATORY TRACT, BREATHING DIFFICULTY IN FORM OF DUST, IRRITATION OF MUCOUS MEMBRANES, CHRONIC IRRITATION, DERMATITIS. SEE HEALTH HAZARDS DATA.

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.