



CANADIAN AGRI PRODUCTS (USA) CORP.

7905 HANNAH STREET, PLANO, TX 75025 (USA)

TEL: +1 972 618 4200. FAX: +1 214 291 5348

EMAIL: sales@canagri.net

MATERIAL SAFETY DATA SHEET (FERROUS SULFATE)

Ingredients/Identity Information

Proprietary: NO

Ingredient: IRON (II) SULFATE (1:1), HEPTAHYDRATE; (MOIST/DRIED HEPTAHYDRATE) CERCLA)

CAS Number: 7782-63-0

Proprietary: NO

Ingredient: IRON (II) SULFATE (1:1); (MONOHYDRATE) (CERCLA)

CAS Number: 7720-78-7

Physical/Chemical Characteristics

Appearance And Odor: HEPTAHYDRATE:LIGHT BLUE-GREEN, ACIDIC/SOUR; MONOHYDRATE:LIGHT GRAY, ACIDIC/SOUR.

Boiling Point: SUPDAT

Melting Point: 572F,300C

Vapor Pressure (MM Hg/70 F): 0

Vapor Density (Air=1): N/A

Specific Gravity: 1.899 @ 14C

Evaporation Rate And Ref: N/A

Solubility In Water: SUPDAT

Fire and Explosion Hazard Data

Flash Point: NONE

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire And Expl Hazrds: NONE.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): EXTREMELY HIGH TEMPERATURES.

Materials To Avoid: OXIDIZING AGENTS AND ALKALIES.

Hazardous Decomp Products: PRODUCTS OF SULFUR OXIDES, IE SO*2 AND SO*3.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHALATION: IRRITATION TO TRACHEA AND LUNGS, BREATHING DIFFICULTY. SKIN/EYES: IRRITATION TO SKIN, VERY IRRITATING TO EYES. INGESTION: GI TRACT IRRITATION, SHOCK, LIVER DAMAGE, TACHYCARDIA AND DEATH.
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: IRRITATION OR ITCHING, STINGING OF EYES, BREATHING PROBLEMS, STOMACH ACHE, ACIDIC OR SOUR TASTE.
Med Cond Aggravated By Exp: DERMATITIS, ASTHMA, CONJUNCTIVITIS, STOMACH OR DIGESTIVE PROBLEMS.
REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION) (FP N). SKIN AND EYES: FLOOD WITH WATER FOR 15 MINUTES MINIMUM, REMOVE TO FRESH AIR, COVER IF IN SHOCK, REMOVE TO MD'S CARE.

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: SWEEP UP AND REPACKAGE OR PLACE IN RECEPTACLE FOR FUTURE DISPOSAL.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N). REMOVE TO PROPERLY DESIGNATED LANDFILL OR IF IN SOLUTION, PRECIPITATE W/ALKALI & FILTER OFF IRON FOR REMOVAL TO LANDFILL W/ PH ADJUSTMENTS OF FILTRATE & DISCHARGE TO SEWER.
Precautions-Handling/Storing: STORED MATERIALS SHOULD BE PLACED IN A DRY AND REASONABLY TEMPERATED AREA, PREFERABLY BELOW 75F.
Other Precautions: WEAR GLOVES, SAFETY GOGGLES, NIOSH/MSHA APPROVED BREATHING MASK AND COVERALLS WHEN HANDLING.

=====

Control Measures

=====

Respiratory Protection: NIOSH/MSHA APPROVED DUST MASK.
Ventilation: NONE.
Protective Gloves: WORK GLOVES.
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).
Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER (FP N). COVERALLS.
Work Hygienic Practices: AVAILABLE END OF SHIFT CLEAN-UP FACILITIES.
Suppl. Safety & Health Data: BP: DECOMP @ 572F,300C. SOL IN H*2O: 57 G IN 100 ML WATER @ 158C.

=====

Transportation Data

=====

=====

Disposal Data

=====

=====

Label Data

=====

Special Hazard Precautions: DO NOT INGEST. ACUTE: INHALATION: IRRITATION TO TRACHEA AND LUNGS, BREATHING DIFFICULTY. SKIN/EYES: IRRITATION TO SKIN, VERY IRRITATING TO EYES. INGESTION: GI TRACT IRRITATION, SHOCK, LIVER DAMAGE, TACHYCARDIA AND DEATH. CHRONIC: NONE LISTED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y