



THE KISSNER GROUP
 32 Cherry Blossom Road
 Cambridge, Ontario N3H 4R7
 1 (800) 434-8248 • (519) 279-4860
 Fax: (877) 434-8250



M.S.D.S.

MAGNESIUM CHLORIDE, PELLET

SECTION 1: PRODUCT INFORMATION

T.D.G. Classification.....Not regulated
 UN Number.....N/A
 CAS #.....7791-18-6
 Packing Group.....N/A
 Product Name.....Magnesium Chloride, Pellet
 WHIMIS Classification.....This is not a controlled product
 Chemical Formula.....MgCl₂·6H₂O
 Chemical Family.....Inorganic
 Product Use.....N/A
 Available Packaging.....N/A
 Supplier.....Kissner Salts & Chemicals 32 Cherry Blossom Rd Cambridge, Ontario
 N3H 4R7 (519) 650-9998

SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Ingredients.....%	C.A.S. #.....	LD/50.....	LC/50.....
		Route, Species.....	Route, Species.....
Hexahydrate.....45-47	7791-18-6	8100 mg/kg (oral,Rat)	N.Av.
Calcium Chloride.....2-3	10035-04-8	1000 mg/kg (oral,Rat)	N.Av.
Potassium Chloride.....0.5-1.0	7447-40-7	2430 mg/kg (oral,Rat)	N.Av.
Sodium Chloride.....0.5-1.0	7647-14-5	3750 mg/kg (oral,Rat)	N.Av.
Water.....Balance	7732-18-5		

SECTION 3: PHYSICAL DATA

Physical State.....Solid
 Appearance & Odour.....White to grey scaly Pellet without odour
 Odour Threshold.....N/A
 Specific Gravity (Water = 1).....AT 68 degrees F = 1.6 g/cm3
 Vapour Pressure (MMHG).....AT 68 degrees F = 0.7
 Vapour Density (Air = 1).....N/A
 Evaporation Rate.....N/A
 Boiling Point.....1412C
 Freezing Point.....N/A
 pH.....N/A
 Coefficient of Water/Oil Distribution.....N/A

SECTION 4: FIRE AND EXPLOSION DATA

Hazardous Conditions.....Not flammable
 Fire Extinguishing Procedures.....No special instructions. Product can be used to smother fires. Fire fighters should wear self-contained breathing apparatus.
 Flash Point.....N/A
 Upper Flammable Limit.....N/A
 Lower Flammable Limit.....N/A
 Auto-ignition Temperature.....N/A
 Hazardous Combustion Products.....N/A
 Sensitivity to mechanical impact.....N/A
 Sensitivity to Static Discharge.....N/A
 Hazardous Combustion products.....N/A

SECTION 5: REACTIVITY DATA

Chemical Stability.....Stable under normal conditions
 Hazardous Polymerization.....Will not occur
 Conditions of Reactivity.....N/A
 Hazardous Decomposition.....HCL (>1400 (c)) (eventually chlorine)

SECTION 6: TOXICOLOGICAL PROPERTIES

Route of entry into the body.....
 Skin Contact.....May irritate damp skin.
 Skin absorption.....None
 Eye Contact.....May cause eye irritation.

Inhalation.....Dust may irritate the nose and throat, causing coughing and chest discomfort.
 Ingestion.....Abdominal cramps and/or diarrhea
 Effects of acute exposure to product.....Refer to route of entry.
 Effects of chronic exposure to product.....May result in delayed liver and/or kidney damage.
 Exposure limits.....N/A
 Irritancy of product.....N/A
 Sensitization of product.....N/A
 Carcinogenicity of product.....N/A
 Reproductive toxicity.....N/A
 Teratogenicity.....N/A
 Mutagenicity.....N/A
 Synergistic effects.....N/A

SECTION 7: PREVENTIVE MEASURES

Personal Protective Equipment required Wear protective gloves, dust mask, safety glasses and boots.
 Specific Engineering controls required.....Ventilate adequately.
 Spill/Leak Procedures.....Contain spill. Avoid dust accumulation, pick up, put in container.
 Waste Disposal.....In accordance with municipal, provincial and federal regulations.
 Storage Needs.....Store in a cool dry place. Keep container closed when not in use.
 Normal storage conditions.
 Handling procedures and equipment.....Avoid prolonged or repeated skin contact. Avoid getting in eyes. Avoid chronic inhalation of dust. Minimize dust generation and exposure. Use dust mask. Use adequate ventilation. Maintain a good personal hygiene. The material is highly hygroscopic and deliquesces above 30% relative atmospheric humidity. Must be stored under dry conditions.

SECTION 8: FIRST AID MEASURES

EYE CONTACT:.....Flush eyes with abundant water.
 SKIN CONTACT.....Wash skin with soap and water.
 INGESTION.....Have victim drink two glasses of water. Induce vomiting if conscious. keep the person warm and seek medical attention.
 INHALATION.....Remove to fresh air.

SECTION 9: PREPARATION INFORMATION

Emergency Phone No.....(613) 996-6666 (Canutec)
 Date.....May 2011
 Prepared by.....J Turnbull

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