



MATERIAL SAFETY DATA SHEET

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1-613-996-6666 – CANUTEC – Transportation Emergency
1-888-243-9771 – ChExSS – Chemical Exposure

ZINC CARBONATE

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: ZINC CARBONATE
Chemical Family: Inorganic zinc salt
WHMIS Classification: Not controlled
Workplace Hazard: Not applicable

Product Use: H2S Scavenger
TDG Classification: Not regulated
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Ingredients	Percent	CAS Number	LD ₅₀ (Species/Route)	LC ₅₀ (Species/Route)
Contains no WHMIS controlled products				

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: May cause mechanical irritation to the eyes. May cause some minor skin irritation in some individuals. May cause nausea and vomiting; large doses are self-purging. May cause slight irritation of the upper respiratory tract.

Effects of chronic exposure: No information available

Exposure limits: Not determined

Irritancy of product: Eyes, skin, upper respiratory tract.

Sensitization to product: No information available

Carcinogenicity: No information available

Reproductive toxicity: No information available

Teratogenicity: No information available

Mutagenicity: No information available

Name of toxicological synergistic products: No information available



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SECTION IV: FIRST AID MEASURES

Skin contact: Wash with soap and water. If irritation develops, obtain medical attention.

Eye contact: Flush with gently flowing warm water until particles are removed. If irritation persists obtain medical attention.

Inhalation: Move victim to fresh air. Apply oxygen or artificial respiration as required. If breathing difficulties or distress continues obtain medical attention.

Ingestion: Rinse mouth and give large amount of water to dilute. Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious or convulsing victim.

SECTION V: PHYSICAL DATA

Physical state: Solid

Appearance and odour: White granular powder; odourless

Odour threshold: Not applicable

Specific gravity: Not determined

Vapor pressure (mmHG): Not applicable

Vapor density (Air=1): Not applicable

Evaporation rate: Not available

Boiling point (°C): Not available

Freeze/Melting point (°C): Not available

pH: No data

Co-efficient of water/oil distribution: Insoluble



SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Not flammable

Means of extinguishing: Use media suitable for packaging and surrounding fire.

Flash point: Not flammable

Upper flammable limit: Not applicable

Lower flammable limit: Not applicable

Auto-ignition temperature: Not applicable

Hazardous combustion products: Not available

Explosion data-sensitivity to mechanical impact: Not applicable

Explosion data-sensitivity to static discharge: Not applicable

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable.

Product incompatible with: Reacts with acids; gives off heat and carbon dioxide.

Conditions of reactivity: Contact with incompatible materials.

Hazardous decomposition products: Oxides of carbon and oxides of zinc.



SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: Suggest NIOSH approved dust mask be worn for airborne dust levels below TLV. Use approved respirator with dust cartridges if level of airborne dust exceeds TLV. Suggest plastic or rubber protective gloves. Suggest safety glasses with side-shields or goggles be worn. Chemical resistant clothing should be worn at all times when handling product. Make eye-wash station and emergency shower available.

Specific engineering controls: Use in well ventilated area. Use local exhaust ventilation, process enclosure or other engineering controls to maintain airborne dust levels below TLV.

Procedures for leak/spills: Use appropriate protective equipment. Avoid all bodily contact. Use vacuum or sweep up to collect. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Do not allow product to enter sewers or storm water inlets.

Waste disposal: Dispose in accordance with all federal, provincial, and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty packaging must be disposed of in accordance with local regulations.

Handling procedures and equipment: Avoid inhalation of dust. Do not get on skin, in eyes or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with incompatible material.

Storage requirements: Store in cool, dry, well-ventilated area away from sources of heat, initiation and sparks. Eye wash and safety showers should be easily accessible and in proper operating order.

Special shipping information: Not applicable

SECTION IX: PREPARATION

Date updated: April 1, 2010

Prepared by: Product Safety Committee

All the recommendations and suggestions herein concerning this product are based upon tests and data believed to be reliable, however it is the user's responsibility to determine the safety, toxicity and sustainability for their own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Q'Max Solutions Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does Q'Max Solutions Inc. assume any liability arising out of use by others. Nor is the information herein to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.