



The Safe and Sound Solution
Customer Satisfaction Through Quality

SAFETY DATA SHEET

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CESCO SOLUTIONS, INC.
CALCIUM CHLORIDE MINI-PELLETS

Date Printed: 10/2/2017

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CALCIUM CHLORIDE MINI-PELLETS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CALCIUM CHLORIDE MINI-PELLETS
PRODUCT USE : Water Treatment (non-potable), Concrete Acceleration,
Dust Control, Road Base Stabilization
PRODUCT DESCRIPTION : White Pellets; Anhydrous Calcium Chloride Mini-Pellets
WHMIS CLASSIFICATION: Not Classified
DISTRIBUTED BY : CESCO SOLUTIONS, INC.
ADDRESS : 2227 Midway Lane, Bellingham, WA 98226

EMERGENCY PHONE : 1-800-424-9300
INFORMATION PHONE : (360) 733-7478

2. HAZARDS IDENTIFICATION

SIGNAL WORD: Warning



HAZARD STATEMENT: May cause skin and eye irritation.
May cause irritation to respiratory tract.

POTENTIAL HEALTH EFFECTS

EYES:
Direct contact with the product causes irritation of the eyes.

SKIN:
Continuous contact may irritate skin. Red, dry, cracked skin.

INGESTION:
May be harmful if swallowed.

INHALATION:
Excessive levels of airborne dust may irritate the mucous membranes and upper respiratory tract.

MEDICAL CONDITIONS AGGRAVATED:
N/A

CHRONIC (CANCER) INFORMATION:
N/A

TERATOLOGY (BIRTH DEFECT) INFORMATION:
N/A

REPRODUCTION INFORMATION:
N/A



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7. HANDLING AND STORAGE

Store in well sealed containers which are protected from physical damage. Avoid handling conditions that can lead to spills or mist formation. Containers must have retention basins for pH adjustment and neutralization of spilled materials and flushings prior to discharge. Have abundant running water available where material is stored, unloaded or handled. Store above the freezing point of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
Provide natural or mechanical ventilation to minimize exposure, especially where possibility of mist formation exists. If practical, use local exhaust ventilation at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design exhaust systems.

RESPIRATORY PROTECTION:
None needed for normal operating conditions. Use approved dust respirator for low levels of airborne dust. High concentrations may require air supplied systems.

SKIN PROTECTION:
Apron or protective clothing, and rubber boots (steps covered by apron or clothing to prevent entrance of material).

EYE PROTECTION:
Employees must wear splash proof and/or dust-resistant safety goggles with a full face shield to prevent eye contact with this substance. DO NOT WEAR CONTACT LENSES.

PROTECTIVE GLOVES:
Employees must wear appropriate protective gloves to prevent contact with this substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
APPEARANCE & ODOR: SOLID, WHITE PELLETS WITH NO ODOR.
VAPOR DENSITY: N/A
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: N/A
pH: N/A
SOLUBILITY IN WATER: N/A
VOC: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):
STABLE AT NORMAL TEMPERATURES. AVOID MOISTURE.

INCOMPATIBILITY:
INCOMPATIBLE MATERIALS INCLUDE ACIDS, WATER, LIME.

HAZARDOUS DECOMPOSITION PRODUCTS:
WITH FIRE CONDITIONS MAY PRODUCE HYDROGEN CHLORIDE GAS AND CALCIUM OXIDE.

HAZARDOUS POLYMERIZATION:
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component/Exposure Limits	CSF	WT%
CALCIUM CHLORIDE	1000-52-4	99-100%

4. FIRST AID MEASURES

EYES:

Wash eyes immediately with plenty of running water for 15-20 minutes, or until no evidence of chemical remains, including under eyelids. Remove any contact lenses at once. Speed in beginning the eye wash is essential if permanent injury is to be avoided. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN:

Flush contaminated skin with water for 15 minutes, or until no evidence of chemical remains. Remove contaminated clothing under the shower immediately. Prolong washing in showers causes until doctor arrives. GET MEDICAL CARE FOR BURNS OR WOUNDS. If evidence of chemical burn exists, cover with sterile, dry dressing. Bandage securely, but not too tightly.

INGESTION:

Do not induce vomiting. Drink a large glass of water. Treat symptomatically and supportively. GET MEDICAL ATTENTION IMMEDIATELY. CAUTION: IF UNCONSCIOUS OR HAVING TROUBLE BREATHING OR IN CONVULSIONS, DO NOT INDUCE VOMITING OR GIVE WATER.

INHALATION:

Remove from exposure to mist. If breathing has stopped, provide artificial respiration. Keep the person warm and at rest. OBTAIN IMMEDIATE MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A Method: N/A
FLAMMABLE LIMITS: Lower: N/A Upper: N/A
AUTOIGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSTION PRODUCTS:

Under fire conditions may produce hydrogen chloride gas and/or calcium oxide.

EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, water spray or foam.

FIREFIGHTING INSTRUCTIONS:

Wear full protective clothing and self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

SENSITIVE TO STATIC DISCHARGE:

No information.

SENSITIVE TO IMPACT:

No information.

6. ENVIRONMENTAL RELEASE MEASURES

Do not touch spilled material. Stop leak if you can without risk. For SMALL SPILLS use a clean shovel place all spilled material, contaminated soil and other contaminated material into a clean, dry container and cover for later disposal. Move containers from spill area. For LARGER SPILLS, dike the area of spill for later disposal. Keep unnecessary people away. Isolate hazard area and deny entry.



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CHRONIC/CARCINOGENICITY:

NOT CLASSIFIED.

TERATOLOGY:

NOT CLASSIFIED.

REPRODUCTION:

REPRODUCTIVE TOXICITY NOT CLASSIFIED.

MUTAGENICITY:

NOT CLASSIFIED.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

MATERIAL IS PRACTICALLY NON-TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS.
THE MATERIAL IS INORGANIC AND NOT SUBJECT TO BIODEGRADATION. IT IS NOT EXPECTED TO BE ABSORBED IN SOIL.
SOLUBLE IN WATER.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

DISPOSE OF WASTE MATERIAL IN ACCORDANCE WITH ALL LOCAL, REGIONAL, NATIONAL, PROVINCIAL, TERRITORIAL AND INTERNATIONAL REGULATIONS.

RCRA (RESOURCE CONSERVATION & RECOVERY ACT) REQUIREMENTS:

THIS PRODUCT, SHOULD IT BECOME A WASTE, IS NOT HAZARDOUS BY U.S. RCRA CRITERIA.

CLEAN WATER ACT REQUIREMENTS:

N/A

14. TRANSPORT INFORMATION

DOT CLASSIFICATION (USA):

NON-HAZARDOUS. NOT REGULATED.

TDG REGULATIONS (CANADA):

NON-HAZARDOUS. NOT REGULATED.

15. REGULATORY INFORMATION:

U.S. FEDERAL REGULATIONS:

SARA TITLE III (SUPERFUND AMENDMENTS & REAUTHORIZATION ACT):

302/304 EXTREMELY HAZARDOUS SUBSTANCES:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Section 302 requires notification of the State Emergency Response Commission (SERC) and Local Emergency Planning Committee (LEPC) of the presence of Extremely Hazardous Substances (EHS), 40 CFR 355 Appendix A. In amounts in excess of the threshold planning quantity (TPQ). Section 304 requires notification of SERC and LEPC of releases involving a RQ of an EHS or CERCLA Hazardous Substance.

311/312 HAZARD CATEGORIES:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
Immediate (acute) health hazard.

