1. Identification & Company Identification

Trade Names:
Rapid Crete Calcium Choride

Product Description:
Liquid

Company Name:
Western States Wholesale
1420 S. Bon View, Ontario, CA 91761

Emergency phone:
(800) 325-6851

Recommended Use:
Applications such as driveways, sidewalks, floor slabs, curbs, steps, ramps, walkways, poured walls and footings, tool shed bases, appliance and equipment bases

* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of Western States Wholesale. published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty. express or implied. including by incorporation into or reference in Western States Wholesale. Sales Agreement.

2. Hazard(s) Identification

Hazard class

Carcinogen – Not classified as a carcinogen per GHS criteria. This product is not classified as a carcinogen by NTP, IARC, or OSHA.
Skin Corrosion – Category 2 - Causes skin irritation
Acute Toxicity - Oral: Not classified as acutely toxic for oral exposure
Eye: Category 2A - Causes serious eye irritation

Hazard Pictogram:



Signal Word: Warning

Hazard Statement:
Causes skin irritation; Causes serious eye irritation

Prevention:
Do not handle until all safety precautions have been read and understood.
Wear impervious gloves, such as rubber. Wear eye protection, and protective clothing.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Use only in a well-ventilated area.

Response:
If swallowed: Rinse mouth. Do NOT induce vomiting.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin (or hair): Remove immediately all contaminated clothing and wash before re-use. Rinse skin or hair with water.

If significant skin irritation or rash occurs: get medical advice or attention.
Immediately seek medical advice or attention if symptoms are significant or persist.

Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

3. Composition/Information on Ingredients

Substance Name	CAS Number	Percent [%]
Water	72 7732-18-5	53%
Calcium chloride	42 10043-52-4	28%
Potassium Chloride	7447-40-7	< 3%
Sodium Chloride	7647-14-5	< 2%

4. First-Aid Measures

Description of necessary measures

Eye: If in eyes, immediately rinse eyes cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs, get medical advice/attention.

Skin: If on skin, wash with plenty of water. If skin irritation occurs: Get medical advice/ attention. Take offcontaminated clothing and wash before reuse. SPECIFIC TREATMENT: Wash with lots of water.

Inhalation: If inhalation of vapor, mist, or spray occurs and adverse effects result, move person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion: If swallowed, rinse mouth. Contact a poison center or doctor/physician if you feel unwell.

Significant symptoms/effects, acute and delayed.

Eye: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin: Skin Irritation. Skin exposure may cause slight irritation, redness, itching, swelling. May cause more severe response if skin is damp, abraded (scratched or cut), or covered by clothing, gloves, or footwear. Prolonged contact may cause more severe symptoms. Damage is localized to contact areas.

Inhalation: Inhaling mist, spray, or vapor may cause irritation to upper respiratory tract (nose and throat). Nasal mucosal and oropharyngeal eythema.

Ingestion: Consumption of solids or hypertonic solutions causes nausea, vomiting, and increased thirst.

Delayed Symptoms/Effects:
Chronic exposures to skin and mucus membranes that cause irritation may cause a chronic dermatitis or mucosal membrane problem

Medical Conditions Aggravated by Exposure:
Any skin condition that disrupts the skin, such as abrasions, cuts, psoriasis, fungal infections, etc. Any eye condition that compromises tear production, conjunctiva, or normal corneal homeostasis.

Protection of First-Aiders:
At minimum, treating personnel should utilize PPE sufficient for prevention of bloodborne pathogen transmission. If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to Physician:
Due to irritant properties, swallowing may result in burns/ulceration of mouth, stomach and lower gastrointestinal tract with subsequent stricture. Aspiration of vomitus may cause lung injury. Suggest endotracheal/ esophageal control if lavage is done. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire-Fighting Measures

Flammability of the Product: Non-flammable and non-combustible

Suitable extinguishing agents: Treat for surrounding material

Special hazards arising from the substance or mixture: None

Products of Combustion: None

Explosion Hazards in Presence of Various Substances: Non-explosive in presence of shocks

6. Accidental Release Measures

Precautions if Material is Spilled or Released

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Methods and materials for containment and cleaning - up

Methods for Containment: Pick up large pieces, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up:

Vacuum or sweep material and place in a disposal container.

7. Handling and Storage

Storage:

Avoid contact with eyes, skin, and clothing. Do not swallow. Wash thoroughly after handling. Wear personal protective equipment as described in Exposure Controls/Personal Protection (Section 8) of the SDS.

Safe Storage Conditions:

Protect from atmospheric moisture. Keep containers closed when not in use. Keep separated from incompatible substances (see below or Section 10 of the Safety Data Sheet).

Incompatibilities/ Materials to Avoid:

Avoid contact with: bromide trifluoride, 2-furan percarboxylic acid because calcium chloride is incompatible with those substances. Contact with zinc forms flammable hydrogen gas, which can be explosive. Catalyzes exothermic polymerization of methyl vinyl ether. May release flammable hydrogen gas. Reaction of bromide impurity with oxidizing materials may generate trace levels of impurities such as bromates.

8. Exposure Controls/personal Protection

Eye Protection

Wear safety glasses with side-shields. Wear chemical safety goggles and/or a face-shield to protect against skin and eye contact when appropriate.

Skin Protection

Hand Protection: Use gloves chemically resistant to this material. If hands are cut or scratched, use gloves chemically resistant to this material even for brief exposures. Examples of preferred glove barrier materials include: Neoprene, Polyvinyl chloride (“PVC” or “vinyl”), Nitrile/butadiene rubber (“nitrile” or “NBR”). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Body Protection: Wear clean, body-covering clothing. Wear appropriate clothing to avoid skin contact.

Respiratory Protection (Specific Type)

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. In dusty or misty atmospheres, use an approved particulate respirator. The following should be effective types of air-purifying respirators: High efficiency particulate air (HEPA) N95. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.

Ventilation Recommended

Use exhaust ventilation

Other Protection - No food consumption in area of concentrations of vapor.

9. Physical and Chemical Properties

Physical state: Liquid

Color: Clear

Odor: Odorless

Odor Threshold [ppm]: Not applicable.

Decomposition Temperature: Not applicable

Boiling Point/Range: 110 - 122 °C (230 - 252 °F)

Freezing Point/Range: -43 - +21°C (-46 - +69°F). Melting Point/Range: Not applicable

Vapor Pressure: 9 - 15 mm Hg @ 25 °C (77 °F)

Vapor Density (air=1): No data available

Relative Density/Specific Gravity (water=1): 1.275 - 1.439 @ 25 °C (77 °F)

Bulk Density: Not applicable

Water Solubility: Completely miscible

pH: 9 - Estimated (undiluted)

Evaporation Rate (ether=1): No data available

Partition Coefficient

(n-octanol/water):

Not applicable

Flash point: Not applicable

Lower Flammability Level (air): Not applicable

Upper Flammability Level (air): Not applicable

Auto-ignition Temperature: Not applicable

Viscosity: 2 - 7 cp @ 25°C (77 °F)

Hygroscopic: Yes

10. Stability and Reactivity

Reactivity

Hygroscopic.

Chemical stability

Stable under normal storage conditions. Keep in dry storage.

Possibility of hazardous reaction

No dangerous reaction known under conditions of normal use.

Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

Incompatible materials

CAvoid contact with: bromide trifluoride, 2-furan percarboxylic acid because calcium chloride is incompatible with those substances. Contact with zinc forms flammable hydrogen gas, which can be explosive. Catalyzes exothermic polymerization of methyl vinyl ether. May release flammable hydrogen gas. Reaction of bromide impurity with oxidizing materials may generate trace levels of impurities such as bromates.

11. Toxicological Information

Eye contact:

May cause serious eye irritation. May cause slight corneal injury. Effects may be slow to heal.

Skin contact:

Brief contact is essentially nonirritating to skin. Prolonged contact may cause skin irritation, even a burn. May cause more severe response if skin is damp, abraded (scratched or cut), or covered by clothing, gloves, or footwear. Not classified as corrosive to the skin according to DOT guidelines.

Inhalation:

Vapors are unlikely due to physical properties. Mist may cause irritation to upper respiratory tract (nose and throat).

Ingestion:

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury. Swallowing may result in gastrointestinal irritation or ulceration.

Chronic Effects:

Chronic exposures to calcium chloride that cause irritation may cause a chronic dermatitis or mucosal membrane problem. For the minor component(s): POTASSIUM CHLORIDE: In animals, effects have been reported on the following organs after ingestion: Gastrointestinal tract, heart, and kidney. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use. SODIUM CHLORIDE: Medical experience with sodium chloride has shown a strong association between elevated blood pressure and prolonged dietary overuse. Related effects could occur in the kidneys.

12. Ecological Information

Aquatic Toxicity:

Material is practically non-toxic to aquatic organisms on an acute basis. (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

13. Disposal Considerations

Waste from material:

Reuse or reprocess, if possible. All disposal practices must be in compliance with all Federal, State/Provincial andlocal laws and regulations. Regulations may vary in different locations. Report spills if applicable. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Landfill and waste water treatment system.

Container Management:

Dispose of container in accordance with applicable local, regional, national, and/or international regulations.

14. Transport Information

DOT Shipping Name: Non-Hazardous for Transport
DOT Hazard Class: Not Regulated
UN/NA ID No.: None
UN TDG Class: Not Regulated
Hazard Id No. (HIN): None

IMDG Hazard Class: Not Regulated
IATA Hazard Class: Not Regulated
RID/ADR Code: Not Regulated
Label: None Required
Hazard Symbols: None

15. Regulatory Information

LAND TRANSPORT

U.S. DOT 49 CFR 172.101: Status: Not regulated

U.S. REGULATIONS

OSHA REGULATORY STATUS:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):

Not regulated.

SARA EHS Chemical (40 CFR 355.30)

Not regulated

EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40 CFR 370.10):

Acute Health Hazard

EPCRA SECTION 313 (40 CFR 372.65):

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

STATE REGULATIONS

California Proposition 65:

This product is not listed, but it may contain impurities/trace elements known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act. WARNING: This product (when used in aqueous formulations with a chemical oxidizer such as ozone) may react to form calcium bromate, a chemical known to the State of California to cause cancer.

16. Other Information

Notes

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