



101,102 Jayesh Bldg., Waliv, Vasai (E)-401 208, Maharashtra, India

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CALCIUM CHLORIDE, DIHYDRATE FCC MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name : Calcium Chloride Dihydrate FCC

CAS# : 10035-04-8

FSSAI Lic. No.: 11519019000530

Contact Information:

U.S.Steriles

101,102, Jayesh Bldg, Waliv Naka, Waliv, Vasai (E),
Palghar-401 208, Maharashtra, India

Section 2: Composition and Information on Ingredients

Name	CAS #	% by Weight
Calcium Chloride , Dihydrate	10035-04-8	100

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Inhalation: Allow the victim to rest in a well-ventilated area. Allow the victim to rest. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Section 5: Fire and Explosion Data

Flammability of the Product	Non-flammable
Extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Special Fire Fighting Procedures	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Special Remarks on Fire Hazards	Do not enter fire area without proper protective equipment, including respiratory protection.



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Section 6: Accidental Release Measures

Spill Procedures: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Section 7: Handling and Storage

Precautions: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Wash exposed skin thoroughly after handling.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Eye Protection Requirements: Eyeglasses or goggles should be worn in dusty areas.

Personal Protection: Safety glasses, Lab coat and respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance	White Crystalline powder , Hygroscopic
Odor	Odourless
Taste	Not available
Molecular Weight	147.1 g/mol
Color	White.
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Specific Gravity/ Density	0.835 g/cm ³
Solubility	Freely Soluble in water & Alcohol

Section 10: Stability and Reactivity Data

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Direct sunlight. Avoid Direct sunlight. Extremely high or low temperatures.
Incompatibility with various substances	Reactive with Strong acids. silver nitrate.
Special Remarks on Reactivity	Not available.

Section 11: Toxicological Information

Likely routes of exposure : Skin and eye contact; Inhalation

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : Not classified



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Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Not available

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Not applicable

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall U.S.Steriles be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if U.S.Steriles has been advised of the possibility of such damages.