CALCIUM CARBONATE (PRECIPITATED)

SECTION 1: PRODUCT IDENTIFICATION

Product Name: CALCIUM CARBONATE (PRECIPITATED)
Product Code: 5010
CAS#: Not available
Synonym: Not available
Chemical Name: Not available
Chemical Formula: Not available
Formula Weight: Not available

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:
Name: CALCIUM CARBONATE (Precipitated)
Toxicological Data on Ingredients:
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture
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: May affect genetic material, Mutagenic effects in mammalian somatic cells, Mutations in microorganisms
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: Flush eyes with water as a precaution.
Skin Contact: Wash off with soap and plenty of water.
Serious Skin Contact: Not Available
Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Serious Inhalation: Not Available
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.
Serious Ingestion: Not available

SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product: Non-flammable.
Auto-Ignition Temperature: Not Available
Flash Points: Not Applicable
Flammable Limits: Not Applicable
Products of Combustion: Hydrogen chloride gas, Sodium oxides
Fire Hazards in Presence of Various Substances: Not Available

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not Available
Fire Fighting Media and Instructions:
SMALL FIRE: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
LARGE FIRE: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Remarks on Fire Hazards: When heated to decomposition it emits acrid smoke and irritating fumes.
Special Remarks on Explosion Hazards: Not Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements
Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system

SECTION 7: HANDLING AND STORAGE

Precautions: Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids
Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place. hygroscopic

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection: Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.
Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits: Not Available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	White microcrystalline powder
Odor	:	Not available
Taste	:	Not available
Color	:	Not available
Molecular Weight	:	Not available
PH	:	Not available
Boiling Point	:	Not available
Melting Point	:	Not available
Critical Temperature	:	Not available
Specific Gravity	:	Not available
Vapor Pressure	:	Not available
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available

Solubility : Insoluble in water and ethanol

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is chemically stable under standard ambient conditions (room temperature).
Instability Temperature: Not available
Conditions of Instability: Incompatible materials, Moisture Stable in dry air, but slowly decomposes in moist air.
Incompatibility with various substances: Reactive with acids, metals and oxidizing agents
Special Remarks on Reactivity: Electrolysis of CALCIUM CARBONATE (Precipitated) in presence of nitrogenous compounds to produce chlorine may lead to formation of explosive nitrogen trichloride. Potentially explosive reaction with dichloromaleic anhydride + urea
Special Remarks on Corrosivity: Not available
Polymerization: Hazardous polymerization does not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion.

Toxicity to Animals:

LD_{50}: Rat - female - > 2.000 mg/kg
(OECD Test Guideline 420)
LC_{50}: Inhalation - Rat - male and female - 4 h - > 3 mg/l
(OECD Test Guideline 403)
LD50 Dermal : Rat - Male and female - > 2.000 mg/kg (OECD Test Guideline 402)
Chronic Effects on Humans: Not Available
Other Toxic Effects on Humans: Not Available
Special Remarks on Toxicity to Animals: Not Available
Special Remarks on Chronic Effects on Humans: Not Available
Special Remarks on other Toxic Effects on Humans: Not Available

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: Not Available
BOD and COD: Not Available
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: Not Available
Special Remarks on the Products of Biodegradation: Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN number:
ADR/RID: **IMDG:** **IATA:**
UN proper shipping name
ADR/RID:
IMDG:

IATA:
Transport hazard class (es):
ADR/RID: **IMDG:** **IATA:**
Packaging group:
ADR/RID: **IMDG:** **IATA:**
Environmental hazards:
ADR/RID: no **IMDG Marine pollutant:** No **IATA:** No

SECTION 15: REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: CALCIUM CARBONATE (Precipitated)
Other Regulations: Not available
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada)
DSCL (EEC): This product is not classified according to the EU regulations.
HMIS (U.S.A.):
Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Personal Protection: E
National Fire Protection Association (U.S.A.):
Health: 1
Flammability: 0
Reactivity: 0
Specific hazard: Not Available
Protective Equipment: Gloves, Lab coat, Safety glasses, Dust respirator - be sure to use an approved/certified respirator or equivalent

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements
Not Applicable
Other Special Considerations: Not available

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