SAFETY DATA SHEET

Calcium Chloride Pellets Ice Melt

Section 1: Identification

Product Name	Calcium Chloride Pellets Ice Melt
Item Number	MELT50CCP, MELT25CCP, IB08CCP-J
Other Means of Identification	Not Available
Recommended Use	Melt Snow and Ice
Manufacturer/Distributor	All Season Power LLC
Address	794 School House Road, New Castle, DE 19720
Telephone	1-866-255-9723

Section 2: Hazard(s) Identification

Classification

Considered a Hazardous Substance by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Not classified as Dangerous Goods for transport purposes.
Acute Toxicity (Oral), Category 4
Skin Irritation, Category 2
Eye Irritation, Category 2A

Label Elements



Signal Word: WARNING
Pictogram: GHS07 (Exclamation Mark)

Hazard Statements
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statements – Prevention
P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/eye protection/face protection.

Precautionary Statements – Response
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements – Storage
Not Applicable

Precautionary Statements – Disposal
P501 Dispose of contents and container in accordance with applicable local, regional, national and/or international regulations.

Hazard(s) Not Otherwise Classified	Not Applicable
Supplementary Statement(s)	Not Applicable

Section 3: Composition/Information On Ingredients

Ingredients	% [weight]	CAS. NO.
Calcium Chloride	100	10043-52-4

Section 4: First-Aid Measures

Description of First Aid Measures

Eye Contact	Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
Skin Contact	Immediately remove contaminated clothing and wash affected area with soap and water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.
Inhalation	Promptly move to fresh air. Get medical attention.
Ingestion	Rinse mouth. Call a POISON CONTROL CENTER or doctor/physician if you feel unwell.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms	Causes serious eye irritation. Causes skin irritation. Harmful if swallowed. See Section 11.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Treatment	Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguishing Media	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
Fire Incompatibility	None known.
Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire.
Fire/Explosion Hazard	Non combustible. Not considered a significant fire risk, however containers may burn. Decomposition may produce toxic fumes of: hydrogen chloride, metal oxides. May emit poisonous fumes. May emit corrosive fumes.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	See Section 8
Environmental Precautions	See Section 12
Minor Spills	Remove all ignition sources. Clean up all spills immediately.
Major Spills	CAUTION: Advise personnel in area.
Other	Personal Protective Equipment advice is contained in Section 8 of the SDS.

Section 7: Handling And Storage

Precautions for Safe Handling

Safe Handling	Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Other Information	Material is hygroscopic, i.e. absorbs moisture from the air. Keep containers well sealed in storage. Store in original containers. Keep containers securely sealed. Keep out of reach of children and pets.

Conditions for Safe Storage, Including Any Incompatibilities

Suitable Container	Flame retardancy ABS container
Storage Incompatibility	Calcium chloride (and its hydrates): are incompatible with boric acid, calcium oxide, bromine trifluoride, 2-furan, percarboxylic acid; may produce explosive hydrogen gas on contact with zinc; catalyse exothermic polymerisation of methyl vinyl ether; produce heat on contact with water; attack metals.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits (OEL) – Ingredient Data

Calcium Chloride (10043-52-4) Not Available

Emergency Limits

Ingredient	Material Name	TEEL-1	TEEL-2	TEEL-3
calcium chloride	Calcium chloride dihydrate	16 mg/m3	170 mg/m3	1,100 mg/m3
calcium chloride	Calcium chloride	12 mg/m3	130 mg/m3	790 mg/m3
calcium chloride	Calcium chloride hydrate	13 mg/m3	140 mg/m3	850 mg/m3
calcium chloride	Calcium chloride hexahydrate	24 mg/m3	260 mg/m3	1,600 mg/m3

Exposure Controls

Appropriate Engineering Controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
Eye and Face Protection	Safety glasses with side shields. Chemical goggles.
Skin Protection	See Hand protection below
Hands/Feet Protection	Wear heavy-duty work gloves to protect skin from irritation. The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present: polychloroprene.
Body Protection	See Other protection below
Other Protection	Overalls. P.V.C.
Respiratory Protection	Respirators may be necessary when engineering and administrative controls do not adequately prevent exposures.

Section 9: Physical And Chemical Properties

Appearance	Solid (pellets)	**Relative Density (Water = 1)**	Not Available
Physical State	Solid	**Partition Coefficient n-octanol / water**	Not Available
Odour	Not Available	**Auto-ignition Temperature (°C)**	Not Available
Odour Threshold	Not Available	**Decomposition Temperature**	Not Available
pH (as supplied)	Not Available	**Viscosity (cSt)**	Not Available
Melting Point / Freezing Point (°C)	Not Available	**Molecular Weight (g/mol)**	Not Available
Initial Boiling Point and Boiling Range (°C)	Not Available	**Taste**	Not Available
Flash Point (°C)	Not Available	**Explosive Properties**	Not Available
Evaporation Rate	Not Available	**Oxidising Properties**	Not Available
Flammability	Not Flammable	**Surface Tension (dyn/cm or mN/m)**	Not Applicable
Upper Explosive Limit (%)	Not Available	**Volatile Component (%vol)**	Not Available
Lower Explosive Limit (%)	Not Available	**Gas Group**	Not Available
Vapour Pressure (kPa)	Not Available	**pH as a Solution (1%)**	Not Available
Solubility in Water	Not Available	**VOC g/L**	Not Available
Vapour Density (Air = 1)	Not Available		

Section 10: Stability And Reactivity

Reactivity	See Section 7
Chemical Stability	Unstable in the presence of incompatible materials. Product is considered stable.
Possibility of Hazardous Reactions	See Section 7
Conditions to Avoid	See Section 7
Incompatible Materials	See Section 7
Hazardous Decomposition Products	See Section 5

Section 11: Toxicological Information

Acute Toxicity	Category 4 (Oral) – Harmful if swallowed. calcium chloride: dermal (rat) LD50: =2630 mg/kg [2]
Skin Irritation/Corrosion	Category 2 – Causes skin irritation.
Serious Eye Damage/Irritation	Category 2A – Causes serious eye irritation.
Respiratory or Skin Sensitization	No data available
Mutagenicity	No data available
Carcinogenicity	No data available
Reproductivity	No data available
STOT - Single Exposure	No data available
STOT - Repeated Exposure	No data available
Aspiration Hazard	No data available
Legend	2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available

Section 13: Disposal Considerations

Product / Packaging Disposal	Dispose of contents and container in accordance with applicable local, regional, national and/or international regulations. DO NOT allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. Recycle wherever possible or consult manufacturer for recycling options. Consult State Land Waste Management Authority for disposal.

Section 14: Transport Information

Marine Pollutant	NO
Land Transport (DOT)	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Air Transport (ICAO-IATA / DGR)	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Sea Transport (IMDG-Code / GGVSee)	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Transport in Bulk (Annex II of MARPOL and the IBC Code)	Not Applicable

Section 15: Regulatory Information

Regulatory Lists by Ingredient

Calcium Chloride (10043-52-4)	US DOE Temporary Emergency Exposure Limits (TEELs); US TSCA Chemical Substance Inventory - Interim List of Active Substances; US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

Federal Regulations – SARA Section 311/312 Hazard Categories

Flammable (Gases, Aerosols, Liquids, or Solids)	No	**Carcinogenicity**	No
Gas under pressure	No	**Acute toxicity (any route of exposure)**	Yes
Explosive	No	**Reproductive toxicity**	No
Self-heating	No	**Skin Corrosion or Irritation**	Yes
Pyrophoric (Liquid or Solid)	No	**Respiratory or Skin Sensitization**	No
Pyrophoric Gas	No	**Serious eye damage or eye irritation**	Yes
Corrosive to metal	No	**Specific target organ toxicity (single or repeated exposure)**	No
Oxidizer (Liquid, Solid or Gas)	No	**Aspiration Hazard**	No
Organic Peroxide	No	**Germ cell mutagenicity**	No
Self-reactive	No	**Simple Asphyxiant**	No
In contact with water emits flammable gas	No	**Hazards Not Otherwise Classified**	No
Combustible Dust	No		

US EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)	None Reported
US California Proposition 65	None Reported

Section 16: Other Information

Other Information	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.
Effective Date	November 1, 2026
Version	2
Definitions and Abbreviations	PC-TWA: Permissible Concentration-Time Weighted Average; PC-STEL: Permissible Concentration-Short Term Exposure Limit; IARC: International Agency for Research on Cancer; ACGIH: American Conference of Governmental Industrial Hygienists; STEL: Short Term Exposure Limit; TEEL: Temporary Emergency Exposure Limit; IDLH: Immediately Dangerous to Life or Health Concentrations; OSF: Odour Safety Factor; NOAEL: No Observed Adverse Effect Level; LOAEL: Lowest Observed Adverse Effect Level; TLV: Threshold Limit Value; LOD: Limit Of Detection; OTV: Odour Threshold Value; BCF: BioConcentration Factors; BEI: Biological Exposure Index

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