

Safety Data Sheet for 30692 Hot Melt Ice Crystals (10kg)

1. Identification of the Substance/Preparation & Supplier.

Supplier:

Technikraft Ltd., Britannia Road, Goole, East Yorkshire. DN14 6ET

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(office hours only)

01405 768 815

Product Name:

HOT ICE MELTER – T8311

Synonyms:

CALCIUM CHLORIDE PRILLS

2. Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319**Most important adverse effects:** Causes serious eye irritation.

2.2. Label elements

Hazard statements:

H319: Causes serious eye irritation.

Hazard pictograms:

GHS07: Exclamation mark

**Signal words:**

Warning

Precautionary statements:

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/eye protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CALCIUM CHLORIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
233-140-8	10043-52-4	-	Eye Irrit. 2: H319	>90%

4. First Aid Measures.

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be pain and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

- Immediate / special treatment:** Eye bathing equipment should be available on the premises.

5. Fire Fighting Measures:

5.1. Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

6.2. Environmental precautions

Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Refer to section 8 of SDS.

7. Handling and Storage.

7.1. Precautions for safe handling

Handling requirements:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

No data available.

8. Exposure Controls/Personal Protection.

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values: no data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. Physical and Chemical Properties.

State:	Granules	Colour:	Off-white
Odour:	Barely perceptible odour	Evaporation rate:	Not applicable.
Oxidising:	Not applicable.	Solubility in water:	Soluble
Viscosity:	Not applicable.	Boiling point/range°C:	Not applicable.
Melting point/range°C:	No data available.	Flammability limits %: lower:	Not applicable.
		upper:	Not applicable.
Flash point°C:	Not applicable.	Part.coeff. n-octanol/water:	Not applicable.
Autoflammability°C:	Not applicable.	Vapour pressure:	No data available.
Relative density:	No data available.	pH:	Not applicable.
VOC g/l:	Not applicable.		

9.2. Other information

pH @ 10% solution 12.5

10. Stability and Reactivity.

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below. Reacts with water to produce heat

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Materials to avoid:

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

11. Toxicological Information.

11.1. Information on toxicological effects

Hazardous ingredients:

CALCIUM CHLORIDE

ORAL	RAT	LD50	1	gm/kg
SCU	RAT	LD50	2630	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage / irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact:

There may be irritation and redness at the site of contact.

Eye contact:

There may be pain and redness. The eyes may water profusely.

Ingestion:

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. Ecological Information.

Ecotoxicity values:

Species	Test	Value	Units
BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	10650	mg/l
Daphnia magna	48H EC50	2400	mg/l

12.2. Persistence and degradability

Biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Negligible ecotoxicity.

13. Disposal Recommendations.

13.1. Waste treatment methods

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information.

Transport class:

This product does not require a classification for transport.

15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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5.2. Chemical Safety Assessment

16. Other Information.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used in s.2 and s.3: H319: Causes serious eye irritation.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.