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1. Identification of substance, company:

- 1.1. Identification of substance: **ICE DESTROYER - R 30300**
- 1.2. Application of the substance/the preparation: Special ice destroyer
- 1.3. Identification of manufacturer/Supplier:
RETECH, s.r.o.
Vackova 1541/4
150 00 Praha-5 Stodůlky
Telephone/Fax: +420 327 596 128, +420 596 428
Information: hana.mekotova@retech.cz
- 1.4. Telephone number for RETECH Suchdol 212, Suchdol u Kutné Hory
extraordinary situations: Tel.+420 327 596 128 (7.30-16.00 hour)
Toxicology information number, Na bojišti 1, 128 08 PRAHA 2
Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)

2. Hazard identification:

The product is labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- 2.1. Hazard designation:

Xi



Irritant

- 2.2. Information pertaining to particular dangers for man and environment:
Irritating to eyes.
- 2.3. Additional information:
Contact with eyes may cause lacrimation, ciliary flush and irritation of eye.
After swallowing irritation of throat and gastrointestinal system may occur.
The classification is in line with current EC lists, It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3. Composition/information on ingredients:

- 3.1. Description:
Mixture of the substances listed below with harmless additions.
- 3.2. Dangerous components:

Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences
Calcium chloride	>30	10043-52-4	233-140-8	Xi	R 36

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures:

- 4.1. After inhalation: Not applicable
- 4.2. After skin contact: Wash with soap/cleanser and rinse with plenty of water. If symptoms persist, consult doctor.
- 4.3. After eye contact: Immediately irrigate with water for at least 15 minutes. If symptoms persist, consult doctor.
- 4.4. After swallowing: Do not induce vomiting. Rinse mouth with plenty of water. Call for medical help immediately.
- 4.5. General information: -

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<p>5. Fire fighting measures:</p> <p>5.1. Suitable extinguishing agents: Dry powder, carbon dioxide or water fog</p> <p>5.2. For safety reasons unsuitable extinguishing agents: -</p> <p>5.3. Protective equipment: No special measures required.</p> <p>5.4. Special hazards caused by the material, its products of combustion or resulting gases: -</p>		
<p>6. Accidental release measures:</p> <p>6.1. Person-related safety precautions: Wear protective equipment see item 8.2. Material spilled on hard surface can present a serious slipping/falling hazard.</p> <p>6.2. Measures for environmental protection: Do not allow to enter drainage system, surface or ground water.</p> <p>6.3. Measures for cleaning/collecting: Ensure good ventilation. Collect mechanically and clean according to the item 13.</p> <p>6.4. Additional information: -</p>		
<p>7. Handling and storage:</p> <p>7.1. Handling: Information for safe handling: Wear protective equipment see item 8. Information about protection against explosions and fires: -</p> <p>7.2. Storage: Requirements to be met by storerooms and containers: Store in original container at cool, dry, well-ventilated place out of direct sunlight. Protect from freezing. Information about storage in one common storage facility: - Further information about storage conditions: -</p>		
<p>8. Exposure controls and personal protection:</p> <p>8.1. Validate parameter: Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have not be monitored at the workplace.</p> <p>8.2. Personal protective equipment: Eye protection: Safety glasses Breathing equipment: None required when good ventilation is ensured. Protection of hands: Protective gloves. Protection of skin: Not required during normal use.</p> <p>8.3. General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals. Wash hand after each work period and before eating.</p>		
<p>9. Physical and chemical properties:</p> <p>Form: Granular solid Color: Whitish-grey Odor: Odourless</p> <p>9.1. pH: ± 6 Melting point/Melting range: Not determinate Boiling point/Boiling range: 1670 °C Flash point: - Inflammability (strength, gas form) - Self-inflammability: Product is not self- inflammable. Danger of explosion: Product is not explosive.</p>		

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Explosion limits: lower (% Vol.):	-
upper (% Vol.):	-
Vapor pressure (at 20°C):	-
Density at 20 °C	2.2 g/cm ³
Solubility in/Miscibility with - water	Soluble material/quickly disperses in water.
Viscosity:	-
9.2. Other information:	-

10. Stability and reactivity:	
10.1. Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.2. Dangerous reactions:	Strong acids.
10.3. Dangerous decomposition products:	No dangerous decomposition products known.

11. Toxicological information:	
11.1. Acute toxicity:	Void
11.2. Primary irritant effect:	
on the skin:	Irritating effect.
on the eye:	Irritating effect.
Sensitization:	No sensitizing effect known.
Additional toxicological information:	-

12. Ecological information:	
Water hazard class 1 (Self-assessment): slightly hazardous for water.	
Do not allow the product or large quantities of it to reach ground water, water bodies or sewage system.	
Ecological information:	Calcium chloride: 48 Hour-LC50 – Mosquito fish [mg/kg] : 1000 Calcium chloride: LC50-96 Hours – fish [ppm] : 10650 Calcium chloride: 24 H-EC50 – Daphnia magna [mg/l] : 537 Calcium chloride: 48 H-CE50 – Daphnia magna [mg/l] : 383

13. Disposal considerations:	
13.1. Product:	Dispose in safe manner in accordance with local/national regulation.
13.2. Uncleaned packaging:	Disposal must be made according to official regulations.

14. Transport information:	
14.1. Land transport:	Not classified
ADR/RID-GGVs:	-
14.2. Maritime transport:	Not classified
IMDG-class:	-
14.3. Air transport:	Not classified
ICAO / IATA -class:	-

15. Regulatory information:	
15.1. Labelling according to law line:	The product has been labeled in accordance with EC Directives / relevant national laws.
Danger of determining components and mark to labelling:	Void
Labelling hazardousness:	

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Xi - Irritant

Numbers and word reading associated hazard R-sentences :

R 36 Irritating to eyes.

Numbers and word reading associated security S-sentences:

S 2 Keep out of the reach children.

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 46 If swallowed, seek medical advice immediately and show this container or label.

15.2. Used legislation:

European Regulation (EC) No 1907/2006 - REACH

Regulation (EC) No 648/2004 of the European Parliament and of the council of 31 March 2004 on detergents

16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R-phrases:

R 36 Irritating to eyes.