

ICE & DUST-AWAY

Safety Data Sheet Regulation (EC) No 1907/2006 (REACH)

1. Identification of the substance/mixture and of the company/undertaking:

1.1 Product identifier: *ICE & DUST-AWAY*
Calcium magnesium acetate
CAS Nr. 110518-63-3
Registration number (REACH): 01-2119987569-11-0029 /
01-2119991992-18-0010

1.2 Relevant identified use of the substance or mixture and use advised against:
Use: De-icing and dust binding.
Use advised against: None.

1.3 Details of the supplier of the safety data sheet:
Alumichem A/S
Stejlhoej 16, DK-4400 Kalundborg, Denmark
Tel. +45 59 55 07 00
E-mail: tko@alumichem.com
Contact: Mrs Klarskov

1.4 Emergency telephone number:
+45 59 55 07 00 (only available during office hours)

2. Hazards identification:

2.1 Classification of the substance or mixture: Not classified.
2.2. Label elements: None.
2.3. Other hazards: None.

3. Composition/information on ingredients:

3.1. Substances: 25% CMA, calcium magnesium acetate
75% H₂O, water

4. First aid measures:

4.1. Description of first aid measures:
Eye contact: Rinse immediately with water at least 15 minutes. Get medical assistance in the event of subsequent discomfort.
Skin contact: Wash with water.
Inhalation: Rinse nose and mouth with water.
Ingestion: Rinse the mouth with water and drink plenty of water. Get medical assistance.

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

Acute: Eye contact – irritation.
Delayed: None.

4.3. Indication of any immediate medical attention and special treatment needed:
Look at section 4.1.

5. Fire-fighting measures:

- 5.1. Extinguishing media: The product is not inflammable. All extinguishing agents can be used.
- 5.2. Special hazards arising from the substance or mixture:
None.
- 5.3 Advice for fire-fighters: A respirator is to be used during indoor fire.

6. Accidental release measures:

- 6.1. Personal precautions, protective equipment and emergency procedures:
None.
- 6.2. Environmental precautions:
Avoid spillage to drain, surface water, ground water and soil.
- 6.3. Methods and material for containment and cleaning up:
Contain a spill – e.g. by covering of drains. After spillage /leakage absorb with granulate, soil or sand and dilute and wash down with water. After drain spill or drain leak dilute with plenty of water and report to local authorities. After spillage on ground and/or in streams, report to local authorities.
- 6.4. Reference to other sections:
Refer to section 8 for personal protection and section 13 for disposal of granulate used for absorption.

7. Handling and storage:

- 7.1 Precautions for safe handling:
Avoid spillage, splashes and aerosols.
Wash hands after handling the substance.
- 7.2. Conditions for safe storage, including any incompatibilities:
The best storage is a closed tank or container.
- 7.3. Specific end use: De-icing and dust binding.

8. Exposure controls / Personal protection:

- 8.1 Control parameters: None.
- 8.2. Exposure controls: Whenever there are risks of sprinkling and spraying, protect eyes by wearing suitable glasses.
Wear gloves when touching the product.

9. Physical and chemical properties:

Appearance:	Transparent liquid	Odour:	faint vinegar
pH:	8.8 ± 0.5	Boiling point:	-
Density:	1.1 kg/l (20 °C)	Melting point:	- 14 °C
Solubility:	Soluble in water	Viscosity:	30-50 cP (25 °C)

Flash point: Not applicable
Auto-ignition temperature: None
Oxidising properties: None

Vapour pressure: Not applicable
Explosive properties: None

10. *Stability and reactivity:*

- 10.1. Reactivity: Weak base.
- 10.2. Chemical stability: At least 1 year.
- 10.3. Possibility of hazardous reactions: None.
- 10.4. Conditions to avoid: None.
- 10.5. Incompatible materials: None.
- 10.6. Hazardous decomposition products: None.

11. *Toxicological information:*

11.1. Information on toxicological effects:

- (a) acute toxicity: None.
- (b) skin corrosion/irritation: None.
- (c) serious eye damage/irritation: None
- (d) respiratory or skin sensitisation: No data available
- (e) germ cell mutagenicity: No data available
- (f) carcinogenicity: No data available
- (g) reproductive toxicity: No data available
- (h) STOT-single exposure: No data available
- (i) STOT-repeated exposure: No data available
- (j) aspiration hazard: No data available

11.2 Information on likely routes of exposure:

- Ingestion: May cause mild irritation.
- Inhalation: May cause mild irritation.
- Skin/eye exposure: May cause mild irritation.

11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure:

May cause eye irritation.

11.4 Interactive effects: No data available.

12. *Ecological information:*

12.1 Toxicity:

<i>Designation:</i>	<i>Value:</i>	<i>Standard:</i>
LC ₅₀ - Fish, 96 t	11.4 g/l	OECD 203
EC ₅₀ - Daphnia magna, 24 t	1.8 g/l	OECD 202
IC ₅₀ - Alga, 72 t	13 g/l	OECD 201
Acute oral rat test	no deaths at 2000 mg/kg	OECD 423
ThOD/COD	132,000 mg/l	ISO 6060

12.2 Persistence and degradability:

Biological degradability easy (>70 % after 3 days)
OECD 301A

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: The substance is not included.

12.6 Other adverse effects: None.

13. *Disposal considerations:*

The product shall be disposed in accordance with local regulations on waste.

Packing (cans and tanks) is to be recycled or incinerated.

Granulate used for absorption can also be incinerated.

14. *Transport information:*

Not classified as hazardous.

15. *Regulatory information:*

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: None.

15.2 Chemical safety assessment: None

16. *Other information:*

Classification: Not classified.

R-phrases: None.

S-phrases: S26: In case of contact with eyes, rinse immediately with plenty of water, and seek medical advice.

Advice/training: None.

Version 1 to 2: Registration in REACH.