

SAFETY INFORMATION IN ACCORDANCE WITH EC 1907-2006 (REACH) ANNEX II

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

1.1 Product identifier

Product name	IceMelz eco®
Product	Granulate

1.2 Relevant identified uses of the substance or mixture and usage warnings

Product use	Road / Pavement clearing
Application	Professional application

1.3 Details of the supplier of the safety data sheet

Producer / Supplier	Ecotec Products PO Box 6024 4780 LA Moerdijk The Netherlands
Phone	+31 (0) 168 - 32 84 56
E-mail	support@icemelz.com
Website	www.icemelz.com

1.4 Emergency telephone number

Phone	+31 (0) 168 - 32 84 56
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2: Hazards identification

2.1 Classification of the substance or mixture

Product description	Mixture
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Classification in accordance with Directive 67/548 EEC and 1999/45/EC

Not classified

Classification in accordance with Regulation (EC) 1272/2008 (CLP/GHS)

Not classified

See section 16 for the full text of the R or H statements as noted above

See section 11 for more detailed information on health effects and symptoms

2.2 Label elements

Hazard pictograms	Not applicable
Signal words	Not applicable
Hazard statements	Significant effects or critical hazards not known

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2: Hazards identification

Precautionary statements

Prevention	Not applicable
Reaction	Not applicable
Storage	Not applicable
Removal	Not applicable

2.3 Other hazards

Physical/chemical hazards -

3: Composition/information on ingredients

Component name	67/548/EEC	1272/2008/EEC	CAS	%
Contains no hazardous components	-	-	-	-

As far as is currently known this product does not contain any components that require classification or that contribute to the classification of the product.

See section 16 for the full text of the R or H statements as noted above
See section 11 for more detailed information on health effects and symptoms

4: First aid measures

4.1 Description of first aid measures

General	In case of persistent symptoms or doubt, please consult a physician
Inhalation	Remove victim into fresh air Keep the victim calm and in a semi-sitting position If necessary, consult a physician
Eye contact	Immediately rinse with water (at least 15 min) Remove contact lenses Consult an ophthalmologist
Skin contact	Rinse with water
Ingestion	Rinse mouth, do NOT induce vomiting and consult a physician

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4: First aid measures

4.2 Most important symptoms and effects, both acute and delayed

See section 11

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation of decomposed products in the event of a fire could result in delayed symptoms

5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Not combustible
Unsuitable extinguishing media	Not applicable

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	No specific data
Hazardous combustion products	Carbon dioxide Carbon monoxide Nitrogen oxides Ammonia Amines

5.3 Advice for firefighters

Special precautions	Isolate the area by removing all persons from the vicinity of the incident. Use water spray to keep fire exposed packaging cool.
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6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Close all sources of ignition. No open flames and no smoke in the hazard area Avoid inhalation of dust Wear appropriate personal protective equipment
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6.2 Environmental precautions

Environmental precautions	Seal leaking packages (if this can be done without risk) Clean up any spillage Prevent contamination of the soil and surface water Inform the relevant authorities in the event of environmental pollution
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8: Exposure controls/personal protection

8.2 Exposure controls

Technical measures

Engineering measures	Ventilate closed areas
Hygiene measures	Do not eat, drink or smoke when using Wash your hands before eating/drinking/smoking

Personal protective equipment

Respiratory protection	Given the use, not applicable
Skin protection	Wear gloves if sensitive (PE / PVC / Neoprene)
Eye/face protection	Given the use, not applicable

Environmental exposure controls	See sections 6, 7, 12 and 13
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9: Physical and chemical properties

Physical state (at 20°C)	Granulate
Colour	White
Odour	Odourless
Odour threshold	Not available
pH (100 g/l)	9
Melting point/range in °C	Not applicable
Boiling point/range in °C	Not applicable
Flash point in °C	Not applicable
Evaporation rate	Not applicable
Explosion limits in air	Not applicable
Vapour pressure	<0.01 kPa
Relative vapour density	Not available
Density (20 °C)	1.30 g/cm ³
Solubility in water	Complete
Auto-ignition temperature	Not applicable
Viscosity (25 °C)	Not available
Explosive properties	Not available
Oxidising properties	Not available

9.2 Other information	No additional information
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10: Stability and reactivity

10.1 Reactivity

Reactivity	No specific data available
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10: Stability and reactivity

10.2 Chemical stability

Stability Stable under normal storage and under normal use
Hygroscopic

10.3 Possibility of hazardous reactions

Hazardous reactions No hazardous reaction will be encountered under normal storage and under normal use

10.4 Conditions to avoid

Conditions to avoid Improperly sealed containers, moisture

10.5 Incompatible materials

Contact to be avoided Oxidizing agents, Acids, Bases, Nitrites, Nitrates

10.6 Hazardous decomposition products

Decomposition products Combustion could form Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Ammonia, Amines

11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Inhalation Could be irritating to the respiratory system if inhaled in dust form
Symptoms: throat irritation, coughing

Skin contact Not irritating to skin
Symptoms: none
Carbonyldiamine component: LD50 (Rat, dermal) >5,000 mg/kg

Eye contact Could cause mild irritation to the eyes
Symptoms: irritation, redness

Ingestion Symptoms: sore throat, abdominal pain
Carbonyldiamine component: LD50 (Rat, oral) >5,000 mg/kg

Mutagenicity No known significant effects or critical hazards

Carcinogenicity No known significant effects or critical hazards

Reproductive toxicity No known significant effects or critical hazards

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11: Toxicological information

Specific target organ toxicity (single exposure)	No known significant effects or critical hazards
Specific target organ toxicity (repeated exposure)	No known significant effects or critical hazards
Aspiration hazard	Not available

12: Ecological information

12.1 Toxicity

Ecotoxicity Carbonyldiamine component: LC50 (Leusiscus idus 48 h) >10,000 mg/l

12.2 Persistence and degradability

Biodegradability According to OECD 302B: 96% - 16 days

12.3 Bioaccumulative potential

Bioaccumulation Carbonyldiamine components: No bioaccumulation expected

12.4 Mobility in soil

Mobility Not available

12.5 Results of PBT and vPvB assessment

PBT Not available

vPvB Not available

12.6 Other adverse effects

Water discharge policy (ABM) 11

Sanitizing effort B

13: Disposal considerations

13.1 Waste treatment methods

Product disposal	Chemicals must always be disposed of in accordance with applicable laws
Disposal of packaging	Cleaned packaging can be treated as industrial waste
European waste code	No waste code according to EEC directives

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14: Transport Information

Under the applicable transport regulations, this product is not classified as dangerous

14.1 UN number	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Transport hazard class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not regulated
14.6 Bulk transportation in accordance with Annex II to MARPOL 73/78 and the IBC Code	Not available

15: Regulatory information

15.1 Safety, health and environmental legislation specific to the substance or mixture **EU Regulation (EC) No 1907/2006 (REACH). Annex XIV - List of substances subject to authorisation**

Substances of very high concern None of the components is regulated

Annex XVII - Restrictions on the manufacture, placing on the market and use of specific dangerous substances, mixtures and products Not applicable

National regulations (NL)

Water discharge policy (ABM) Slightly harmful to aquatic organisms (11)
Sanitizing effort B

15.2 Chemical safety assessment

Chemical safety assessment Completed

16: Other information

Full text of abbreviated H phrases	Not applicable
Full text of abbreviated R phrases	Not applicable
Full text of classifications (CLP/GHS)	Not applicable
Full text of classifications (Hazardous substances/preparations directive)	Not applicable

Training advice Ensure that all persons that handle this substance / preparation are sufficiently aware of this safety information

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Product name	IceMelz eco®		



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Notice to the reader

The safety information concerning this product or preparation and its components is based on our current knowledge and insights. Even though this data has been prepared with the utmost care, we cannot guarantee that all of the data provided is correct and complete. We do not accept any liability for damage caused as a result of use of this data. There are risks involved with the incorrect, careless or improper use of this product or preparation. We therefore wish to emphasize that the utmost care must be taken prior to, during and after each use.

Compiled by

Issuing sector: Department of Safety, Quality and the Environment

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