

MATERIAL SAFETY DATA SHEET (91 / 155 / EEC)Page 1 (7)
Issued: 01.08.02
Last edition: 29.11.10**ICE Bear, Gritting Material for Winter Clearance****1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION**

Trade Name	ICE Bear
Manufacturer / Supplier	RAW Handel und Beratungs GmbH Grünstraße 5 D-79232 March-Hugstetten Tel. +49 (0) 7665 / 934 29 - 0 Fax +49 (0) 7665 / 934 29 - 25
Information Officer	Product Information, J. Wittstock, Tel. +49 (0) 7665 / 934 29-11
Emergency Information (24 h)	J. Wittstock or Poison Information Center in Bonn, Tel. +49 (0) 228 / 19240

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization	Natural mineral earth of volcanic origin Amorphous sodium aluminium silicate (natural product)
Hazardous Components	Not applicable
Additional Information	None

3. HAZARDS IDENTIFICATION

Hazard Classification	Not applicable
Information Pertaining to Particular Hazards for Human and Environment	Not applicable
Classification System	The classification is in accordance with the current EC lists. However, it has been completed by means of information from the technical literature as well as by means of company specifications
Additional Information	Not hazardous to human and environment in its delivered condition

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4. FIRST AID MEASURES

General Information	No special measures are required
Inhalation	Not applicable
Skin Contact	Not applicable
Eye Contact	Rinse opened eye for several minutes under running water
Ingestion	Seek immediately medical advice

5. FIRE FIGHTING MEASURES

General Information	The product itself is not combustible
Suitable Extinguishing Media	Water, foam, dry powder, CO ₂ , use extinguishing media appropriate to the fire in the immediate vicinity
Extinguishing Media Unsuitable for Safety Reasons	Jet of water
Special Protective Equipment	None required

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	None required
Environmental Precautions	After having absorbed environmental polluting contaminants, do not empty into sewage water system, ground water, surface water or soil
Cleanup Procedure / Absorption	Collect the product mechanically
Additional Information	No hazardous materials are released

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7. HANDLING AND STORAGE

Handling

Advice on Safe Handling No special precautions are necessary

Advice on Protection against Fire and Explosion No special precautions are necessary

Storage

Requirements for Store Rooms and Containers Store in a dry location

Classification According to BetrSichV (Betriebssicherheitsverordnung = Operational Safety Ordinance) -

Advice on Storage Assembly None

Further Information on Storage Conditions None

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with Critical Values that require Monitoring at the Workplace General dust threshold value: 6 mg/m³ [TRGS 900 (Technische Regel für Gefahrstoffe = Technical Standard for Hazardous Materials), as at October 1998]

Additional Information **The lists valid at the moment of compiling this Data Sheet have been used as basis**

Personal Protective Equipment

Respiratory Protection If used as prescribed not required

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Eye Protection	Protective goggles BGR 192 "Standards for the use of eye and face protection" has to be observed (BGR: Berufsgenossenschaftliche Regel = Standard of the Professional Association)
Hand Protection	Protective gloves BGR 195 "Standards for the use of protective gloves" has to be observed (BGR: Berufsgenossenschaftliche Regel = Standard of the Professional Association)
Body Protection	Protective clothing, BGR 189 "Standards for the use of protective clothing" has to be observed (BGR: Berufsgenossenschaftliche Regel = Standard of the Professional Association)
General Precautionary and Hygienic Measures	Keep away from food, drink and animal feeding stuffs; take off immediately all soiled and contaminated clothing; wash hands before breaks and at the end of work; avoid contact with skin and eyes; when using the product do not eat, drink, smoke, sneeze
9. PHYSICAL AND CHEMICAL PROPERTIES	
<u>Appearance</u>	
Physical State	Granulate, solid
Colour	Grey-fawn
Odour	No odour
<u>Important Safety Information</u>	
Changes in Physical State	
Melting Point/Melting Range (°C)	> 1000 °C
Boiling Point/Boiling Range (°C)	Not determined
Flash Point (°C)	Not applicable

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Autoignition	The product can not ignite spontaneously
Explosion Hazard	The product is not explosive
Density	Not determined
Bulk Density 20°C	Approx. 350kg/m ³
Solubility in / Miscibility with Water	Not miscible and/or hardly miscible
Organic Solvents	0%
Water	0%
Solid Content	100%
10. STABILITY AND REACTIVITY	
Hazardous Decomposition Products	No hazardous decomposition products are known
Materials to Avoid	None
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	None
Primary Irritant Effect	
Skin	In general the product is not skin irritant
Eyes	No irritant effect
Additional Toxicological Information	According to our experience and present state of knowledge, the product causes no damaging effects if used as directed; on the basis of the latest version of the EC lists, the material requires no labelling

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12. ECOLOGICAL INFORMATION

General Information In general not hazardous to waters;
 awarded with the environmental symbol „Blue Angel“



13. DISPOSAL CONSIDERATIONS

Contaminated Product Disposal according to the waste code number of the absorbed product in the European Waste Catalogue

Not Contaminated Small quantities can be disposed of together with household waste, or European Waste Catalogue 010102 (Wastes from mineral non-metalliferous excavation)

Uncleaned Packaging Disposal according to official regulations

Completely Empty Packaging Disposal according to official regulations

14. TRANSPORT INFORMATION

Rail and Road Transport (ADR/RID and GGVS/GGVE) -

Number/Letter No dangerous good

Maritime Transport IMDG/GGVSea -

Marine pollutant Not pollutant

