

EC Safety Data Sheet (91/155/EEC)



rutsch-ex

Created on: 28. 07. 2006

Reviewed on: 18. 05. 2007

Gritting Material in Granules for Winter Clearance

1. SUBSTANCE / PREPARATION AND COMPANY NAME

Trade name	rutsch-ex
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
Contact for information	Product information, Dipl.-Ing. M. Fischer, Tel. +49 (0) 163 / 50 737 60
Emergency information (24 h)	Dipl.-Ing. M. Fischer or Toxicological Information Sources and Poison Centre in Bonn, Tel. +49 (0) 228 / 19240

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation:	Natural mineral earth of volcanic origin Amorphous sodium aluminium silicate (natural product)
Hazardous components:	None
Additional information:	Gritting material in granules for winter clearance

3. HAZARD IDENTIFICATION

Hazard symbol:	Not applicable
Hazard identification:	Not applicable
Information pertaining to particular hazards for human and environment:	None
Additional information:	None

4. FIRST AID MEASURES

General information:	No special measures are required
After inhalation:	Not applicable
After skin contact:	Not applicable
After eye contact:	Rinse opened eye for several minutes under running water
After ingestion:	Seek immediately medical advice

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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:	Strong water jet
Special protective equipment:	None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Not required
Environmental measures:	After having absorbed environmental polluting contaminants, avoid spillage into sewage system, ground water, surface water or soil
Procedure for cleaning up / picking up:	Pick up mechanically

7. HANDLING AND STORAGE

Handling:

Advice on safe handling:	No special precautions are necessary
Advice on fire and explosion protection:	No special precautions are necessary

Storage:

Requirements for storage 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

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace-related limits to be monitored:

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

Skin protection: Protective gloves

BGR 195 "Standards for the use of protective gloves" has to be observed (BGR: Berufsgenossenschaftliche Regel = Standard of the Professional Association)

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)

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

Physical state: Granulate, solid

Odour: No odour

Colour: Grey-fawn

Boiling point: Not determined

Melting point: > 1000 °C

Bulk density: 298 kg/m³

Autoignition:

The product can not ignite spontaneously

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Explosion hazard: The product is not explosive

Solubility in / miscibility with water: Not miscible and/or barely miscible

10. STABILITY AND REACTIVITY

Hazardous decomposition products: No hazardous decomposition products are known

Materials to avoid: None

11. TOXICOLOGICAL INFORMATION

Acute toxicity: None

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

12. ECOLOGICAL INFORMATION

General information:

According to the criteria of the EC classification and labelling "dangerous to the environment", defined in Directive 93/21/EEC, the product requires **no** classification and labelling as dangerous to the environment.

13. DISPOSAL CONSIDERATIONS

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

Product 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

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14. TRANSPORT INFORMATION

GGVS/GGVE:	None	RID/ADR:	None
IMCO Code:	None	UN No.:	None
IATA No.:	None		

No dangerous good according to above mentioned regulations.

15. REGULATORY INFORMATION

Labelling in accordance with EC Directives:

Hazard symbol:	Not applicable
Hazard label:	Not applicable
Water endangering:	Inorganic product hardly soluble in water. Can be mechanically separated in wastewater treatment plants to a large extent
Water hazard class:	WGK 1 (self-classifying); see paragraph 12

16. OTHER INFORMATION

The information is based on the present state of our knowledge. However, it shall not represent a guarantee for the properties of the product and shall not establish a legally valid contractual relationship.