

EC Safety Data Sheet (91/155/EEC)



GREEN STUFF® Universal Absorbent Concentrate Oil and chemical binder

Created on: 28. 07. 2006

Reviewed on: 18. 05. 2007

1. SUBSTANCE / PREPARATION AND COMPANY NAME

Trade name	GREEN STUFF® Universal Absorbent Concentrate
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:

Hydrophilic phenolic resin (resole) foamed by the use of pentane as blowing agent, reduced to powder (all information given in this MSDS refers exclusively to fully cured and cold foam blocks)

Hazardous components: None

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:	Remove to fresh air
After skin contact:	In general, the product itself does not cause skin irritation; thoroughly wash to remove dust particles.
After eye contact:	Rinse opened eye for several minutes under running water and seek medical advice (if dust particles get into eyes)
After ingestion:	According to experience, no special measures are required; if swallowed drink water, if symptoms of distress persist seek medical advice.

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media

CO₂, dry powder or water spray jet. Fight larger fires with a water spray jet or alcohol-resistant foam. Foam blocks made of phenolic resin are self-extinguishing, however coked material can build burning embers. In case of fire, the organic content of resin can burn.

Particular hazards posed by the substance, its combustion products or gases produced

In case of fire following products can be released Carbon monoxide (CO), sulphur dioxide (SO₂)

Particular protective equipment for fighting fires Wear full-body protective clothing
Employ self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: For the product itself no measures are required

Environmental measures: For the product itself no special measures are required

Procedure for cleaning up / picking up: Collect mechanically

7. HANDLING AND STORAGE

Handling

Advice on safe handling

The product can not be used on bodies of water

Advice on fire and explosion protection

Dust explosion class St 1, BZ 2 (ignition number)

LEL (Lower Explosive Limit) approx. 30 g/m³ (derived guideline values)

Storage

Demands on storage rooms and containers

Storage rooms and workplaces must be sufficiently ventilated; store in a dry location

Storage class

11 (flammable solids; VCI concept for storing chemicals)

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information on engineering controls

No further data, see section 7.

Personal protective equipment

None prescribed

Safety information

CAUTION: According to regulations, when handling hazardous materials suitable protective clothing has to be worn. In particular, during the operation for absorbing / picking up, hazardous substances may possibly escape.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid granules	Colour	Green
Odour	Low	Flash point	Not applicable
Boiling point/Boiling range			Not applicable (decomposition)
Density			Not determined, heavier than water
Solubility in / Miscibility with water			Insoluble
pH-value	6 ± 1 (at 20°C)		This pH-value can arise if the material comes into contact with watery media.

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided

Stable under normal conditions of storage.

Product does not melt, stable up to a temperature of minimum 200 °C, for a short time up to 250 °C, then decomposition will begin

Hazardous decomposition products: hazardous decomposition products may possibly be small traces of formaldehyde, phenol.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
Primary irritant effect	May be caused by dust particles
Eyes	Dust particles may cause light irritation
Skin	Dust particles may cause light irritation
Respiratory	Dust particles may cause light irritation
Ingestion	No acute toxicity through inert material is expected

12. ECOLOGICAL INFORMATION

Ecotoxic effects	None known
Notes	Can be mechanically separated in sewage treatment plants

13. DISPOSAL CONSIDERATIONS

Product	Unsoiled product can be disposed of together with household waste or commercial waste
Recommendation	Disposal according to the waste code number of the absorbed chemical; avoid contact with surface water

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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 hazard class:	WGK 1 (self-classifying)

16. OTHER INFORMATION

The information given above is based on our present level of knowledge and does not constitute an assurance of properties. No claim is made to exhaustiveness. The information should only be considered a general guideline. Existing laws and regulations must be observed by the recipients of our products at their own responsibility. The company cannot be held responsible for damage resulting from the use of the product.