

EC Safety Data Sheet (1907/2006/EC)



Green Stuff® Universal Absorbent Concentrate

Oil and Chemical Binder

Version: 1.2
Reviewed on: 15.07.2011

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Trade name	Green Stuff® Universal Absorbent Concentrate	
REACH registration	<u>Does not have to be registered according to REACH Regulation (EC) No. 1907/2006</u> The product releases no substances under normal and reasonably foreseeable conditions of use (Reference to Article 7 (1) b).	
Use	Binder for absorbing oil and liquid chemicals	
Supplier	RAW Handel und Beratungs GmbH Grünstraße 5 D-79232 March-Hugstetten Phone +49 (0) 7665 / 934 29 - 0 Fax +49 (0) 7665 / 934 29 - 25 These numbers will only be staffed during office hours.	
Responsible person	Mr J. Wittstock,	Phone +49 (0) 7665 / 934 29 - 0 This number will only be staffed during office hours.
Qualified person	Dipl.-Ing. (TU) M. Fischer,	Phone +49 (0) 7665 / 934 29 - 17 This number will only be staffed during office hours. E-mail: sdb@raw-international.com
Emergency information (24 h)	Poison Information Center in Bonn,	Phone +49 (0) 228 / 19240

2. HAZARD IDENTIFICATION

The product is not classified as dangerous within the meaning of Directive 1999/45/EC.

Not subject to labelling. In any case observe the information of the Safety Data Sheet.

Hazard symbol: Not applicable

Hazard warning label: Not applicable

Particular risks

For humans and the environment: None

Additional information: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation:

Hydrophilic phenolic resin foamed by the use of pentane as blowing agent, reduced to powder (All information given in this MSDS refers exclusively to cured and unheated materials).

Hazardous components: 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 eyes with running water for several minutes holding eyelids well apart 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, extinguishing powder or water spray jet. Fight larger fires with 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 a fire, the organic content of resin can burn.

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

In case of fire, carbon monoxide (CO) and sulphur dioxide (SO₂) can be released.

Protective equipment for fire-fighters: 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 picking up/cleaning:

Pick up mechanically

7. HANDLING AND STORAGE

Handling

Information on safe handling:
Advice on fire and explosion protection:

The product can not be used on bodies of water.
Dust explosion class St 1, BZ 2 (ignition number).
LEL (Lower Explosive Limit) approx. 30 g/m³ (derived guideline values).

Storage

Requirements for storage rooms and vessels:

Storage rooms and working areas 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 plant design:

No further data, see section 7.

Personal protective equipment: None prescribed

Safety information

CAUTION: According to regulations, wear protective clothing appropriate to the substance that needs to be absorbed when handling hazardous materials. In particular, during the operation for absorbing / picking up, hazardous substances may possibly escape.

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

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9. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUATION)

Solubility in water: Insoluble
pH-value: 6 ± 1 (at 20°C)
This pH-value can arise if the material comes into contact with aqueous media.

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to avoid:

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 irritation: May be caused by dust particles.
Eyes: Dust particles may cause slight irritation.
Skin: Dust particles may cause slight irritation.
Respiratory: Dust particles may cause slight 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.

14. TRANSPORT INFORMATION

Land (ADR/RID): No dangerous good according to these transport regulations
Inland waterways (ADN/ADNR): No dangerous good according to these transport regulations
Sea transport (IMDG): No dangerous good according to these transport regulations
Air transport (ICAO-TI/IATA-DGR): No dangerous good according to these transport regulations

15. REGULATORY INFORMATION

Labelling in accordance with EC Directives:

Hazard symbol: Not applicable
Hazard warning labelling: Not applicable
Water hazard class: WGK 1 (self-classification)

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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 product at their own responsibility. The company cannot be held responsible for damage resulting from the use of the product.