

# Material Safety Data Sheet

## HYDROCELL™, FYTOFOAM™, FYTOCELL™, FYTOCLONE™, FYTOWALL™ Aminoplast Hardfoam

### 1. IDENTIFICATION

#### 1.1 IDENTIFICATION OF THE SUBSTANCE

CHEMICAL NAME : urea - aldehyde foam  
SYNONYMS : UF resin  
FORMULA : H<sub>2</sub>N-CO-NH-CH<sub>2</sub>CH<sub>2</sub>N-CO-NH-CH<sub>2</sub>-H<sub>2</sub>O  
CHEMICAL FAMILY : aminoplast - duroplast  
NFPA : R23,36,38,43 S26 S51

#### 1.2 IDENTIFICATION OF THE COMPANY

Production plant:  
Verheijen Resins BV  
Ambachtweg 6  
6657 CK Boven Leeuwen, The Netherlands  
Tel. 31 (0)487 593778 Fax. 31 (0)487 594836

Marketing company:  
Fytogreen Australia Pty Ltd  
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Mt.Eliza, 3930, Victoria, Australia  
Ph: +61 (03) 97708388 - Fax +61 (03)  
97708344

### 2. COMPOSITION

UF resin : H<sub>2</sub>N-CO-NH-CH<sub>2</sub>CH<sub>2</sub>N-CO-NH-CH<sub>2</sub>-H<sub>2</sub>O  
Substance included : 0,5 B 0,9 % HCHO  
Cas nr. : 50-00-0 for 0,3% volume  
PH : 2.8-4.5  
Dry material : RG 10- RG 70

### 3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : white polymer foam  
Odour : light smell of formol  
% H<sub>2</sub>N-CO-NH-CH<sub>2</sub> : RG 10- RG 70  
Ph : 2.8-4.5  
Boiling point : + 375 EC  
Melting point : - 185 EC  
Flash point : non flammable  
Flammability : non flammable  
Auto ignition : non flammable  
Explosive properties : none  
Oxidising properties : at temp. higher than 25 EC  
Relative density : pure polymer 1.16  
Solubility in water : 0 %  
Viscosity (Cp at 30 EC) : hardfoam

#### 4. STABILITY AND REACTIVITY

Chemical stability	Remains stable during 150 years after production In dry conditions.
Conditions to avoid	In hydrolyses migration >5% year
Hazardous releases	Contact with light, None

#### 5. ACCIDENTAL RELEASE MEASURES

Personnel precautions	Keep away non involved people
Environmental precautions	No particular precautions needed The foam is water based

#### 6. HANDLING AND STORAGE

Handling	Avoid breathing product (dust).
Storage	Keep storage container ventilated Protect from direct sun light. Store in a ventilated area.

#### 7. TRANSPORT AND REGULATORY INFORMATION

Identification No.	3909100
Transport name	(M)UF foam, Benefil, Bacel, Fytozell, Fytofoam, Hydrocell.
Safety	S26

#### 8. TOXICOLOGICAL INFORMATION

Eyes	Irritating
Nose	Light irritating
Skin	Light irritating
Inhalation	Light irritating
Carcinogenicity	The foam is not a carcinogen
Mutagenicity	The foam is not a carcinogen

#### 9. ECOLOGICAL AND DISPOSAL INFORMATION

Environmental effects	None (Biodegradable)
Ecotoxicity	None
Bio concentration	None
Disposal method	Burn or handle as normal waste

Hydrocell, Fytozell , Fytoclone, Fytowall and Fytofoam foam are classified as a Non Hazardous Material.  
Date: 19<sup>th</sup> February, 2007