

Date prepared: 21<sup>st</sup> February 2003

Date revised: 7<sup>th</sup> January 2008

## 1. Identification of the Preparation and the Company

Substance or preparation trade name: **AQUACUBE**  
Unique reference numbers(s): D316  
Company/undertaking name & address: **Kiotechagil**  
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Aldermaston, READING  
RG7 8DN, England

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## 2. Composition

Substance:	<i>Urea</i>	<i>Formaldehyde</i>	<i>Guar gum</i>	<i>Calcium sulphate</i>
% content:	<b>&lt;50%</b>	<b>&lt;0.1%</b>		
CAS Number:	<b>9011-05-6</b>	<b>50-00-0</b>	<b>9000-30-0</b>	<b>10101-41-4</b>
Classification:				
EINECS:		<b>200-001-8</b>	<b>232-536-8</b>	

## 3. Hazards Identification

Not regarded as a health hazard.

Prolonged direct contact may cause skin, eye and respiratory irritation to susceptible persons.

## 4. First aid measures

Skin contact: S28 After contact with skin, wash immediately with plenty of soap and water  
Eye contact: S26 In case of contact with eyes, rinse immediately with plenty of water  
Ingestion: S64 If swallowed, rinse mouth with water (only if person is conscious)  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

## 5. Fire fighting measures

Suitable extinguishing media: Dry powder, carbon dioxide, foam or water spray.  
Special hazards in fire: Thermal decomposition products may include formaldehyde, ammonia, organic amines, hydrogen cyanide, oxides of nitrogen and oxides of carbon.

## 6. Accidental release measures

Personal precautions: Wastes are not classified as hazardous  
Environmental precautions: Wastes are not classified as hazardous

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## 7. Handling and storage

Handling: Wear protective gloves, goggles and respirators to protect from skin and eye contact, and to prevent inhalation of dust.  
Storage: Store in clean dry conditions. Keep container closed and ensure label is intact and legible.

N.B. If blended with water, the concentration of free formaldehyde of the reconstituted resin will rise. The reconstituted product must therefore be considered to be harmful for supply, with the following Risk Phrases:

R40 Limited evidence of a carcinogenic effect  
R43 May cause sensitisation by skin contact

## 8. Exposure Controls

Engineering measures: N/A  
Control Parameters: S2 Keep out of reach of children  
Personal protection equipment:



Eye protection: S22 Do not breathe dust  
Hand protection: S36 Wear suitable protective clothing  
S39 Wear eye/face protection.  
Hygiene measures: S37 Wear suitable (impervious) gloves.  
S20/21 When using do not eat, drink or smoke

## 9. Physical and chemical properties

Appearance: White powder  
Odour: Low odour  
Relative density: ~ 0.4 g/cm<sup>3</sup>  
Solubility: Insoluble in cold water ~ forms an emulsion

## 10. Stability and reactivity

Conditions to avoid: Elevated temperatures and high humidity  
Materials to avoid: Acids  
Hazardous decomposition products: Thermal decomposition products may include formaldehyde, ammonia, organic amines, hydrogen cyanide, oxides of nitrogen and oxides of carbon.

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## 11. Toxicological information

Practically non-toxic.

Excessive exposure to the dust may affect human health as follows:

Skin contact:	R38	Irritating to the skin
Eye contact:	R36	Irritating to eyes
Inhalation:	R37	Irritating to respiratory system

## 12. Ecological information

Wastes are not classified as hazardous to the environment.

## 13. Disposal Considerations

Disposal must be in accordance with local and national legislation.

Dispose of through an authorised waste contractor to a licensed site.

Provided care is taken to inhibit airborne dust, normal factory disposal procedures may be employed using skips and tips, then landfill. Spillages may be swept up and then hosed away without additional hazard other than slipperiness caused by wetting.

## 14. Transport information

No special precautions are necessary. In case of spillages mark roads and warn other road users. Keep public away from the immediate area. Keep upwind to avoid inhaling dust particles. Sweep up keeping airborne dust to a minimum. Flush road with water. If material has entered a watercourse or sewer or contaminated soil or vegetation, advise appropriate authorities - e.g. police

## 15. Regulatory information

**LABEL FOR SUPPLY:** No label required

**RISK PHRASES:**

R36	Irritating to eyes
R37	Irritating to respiratory system
R38	Irritating to skin

**SAFETY PHRASES:**

S2	Keep out of reach of children
S22	Do not breathe dust
S26	In case of contact with eyes, rinse immediately with plenty of water
S28	After contact with skin, wash immediately with plenty of soap and water
S36	Wear suitable protective clothing
S39	Wear eye/face protection
S37	Wear suitable gloves

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- S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- S64 If swallowed, rinse mouth with water (only if person is conscious)

**STATUTORY INSTRUMENTS:** Health and Safety at Work Act 1974.

Chemicals (Hazard Information and Packaging for supply) Regulations 1994.

Control of Substances Hazardous to Health Regs 1988 (Si 1657).

Environmental Protection Act 1990.

**CODES OF PRACTICE:** Waste management: The duty of care.

**GUIDANCE NOTES:** Health and Safety Executive:-

Occupational exposure limits (EH 40/94)  
Classification, Packaging and Labelling of Dangerous Substances Regulations 1984

## 16. Other Information

Recommendations/restrictions: It is important to follow the inclusion instructions detailed in the Product Data Sheet. Do not use the product for any other application without obtaining advice from Kiotechagil beforehand.

If this product is for resale, ensure that the purchaser receives a copy of this information.

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

Sources of key data: National Chemical Emergency Centre (website)

The Physical and Theoretical Chemistry Laboratory Oxford University (website)