



# Material Safety Data Sheet

Date prepared: 25<sup>th</sup> February 2003

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

## 1. Identification of the Preparation and the Company

Substance or preparation trade name: **SORBATOX**  
Unique reference numbers(s): D314  
Company/undertaking name & address: **Kiotechagil**  
Hercules 2, Calleva Park  
Aldermaston, READING  
RG7 8DN, England

Telephone: +44 118 9813333  
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## 2. Composition

Substance:	Hydrated Aluminium Silicate (E559)				
	Kaolinite	Micaceous mineral	Feldspar	Quartz	Carbonaceous material
% content:	65 - 71	13 - 17	9 - 13	1 - 3	<1
CAS Number:	1332-58-7		68475-25-5	14808-60-7	
Classification:					
EINECS:	310-127-6 (for inert natural minerals)				

## 3. Hazards Identification

Sorbatox is of low acute toxicity but does contain free quartz. Kaolin has an OES of 2.5 mg/m<sup>3</sup>. Ensure that atmospheric dust levels are maintained such that the OES is not exceeded.

Long-term exposure to excessive levels of any mineral dust can lead to respiratory problems.

## 4. First aid measures

Skin contact: Usually no problems arise. Cleanse with mild soap and water. If irritation develops seek medical attention  
Eye contact: S26 In case of contact with eyes, rinse immediately with plenty of water  
Inhalation: If strong inhalation of dust occurs it is recommended to clear the airways  
Ingestion: No treatment necessary

## 5. Fire fighting measures

Non-flammable

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## 6. Accidental release measures

Personal precautions: Wastes are not classified as hazardous  
Environmental precautions: None

Remove spillage by vacuum, scoop or shovel. Avoid creating dust. The use of water is not recommended; surfaces coated with wet material will be a slipping hazard.

## 7. Handling and storage

Handling: Common care and ensure low dust levels.  
Storage: Store in clean dry conditions. Keep container closed and ensure label is intact and legible.

## 8. Exposure Controls

Engineering measures: N/A  
Control Parameters: None  
Personal protection equipment: At high dust levels and if workers suffer from dermatitis or sensitive skin  
S36 Wear suitable protective clothing



## 9. Physical and chemical properties

Appearance: White powder  
Odour: None  
pH: pH 4.9 – 5.4  
Boiling point: N/A  
Melting point: >1200°C  
Flashpoint: N/A  
Explosive properties: Non-explosive  
Vapour pressure: N/A  
Specific gravity: 2.6  
Solubility: <100 mg per kg of water

## 10. Stability and reactivity

Conditions to avoid: None  
Materials to avoid: None

## 11. Toxicological information

Non-toxic.

Excessive exposure to dust may affect susceptible persons as follows:

Skin contact: Mild irritation  
Eye contact: Mild irritation

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## 12. Ecological information

Persistence & degradability: Not biodegradeable  
Bioaccumulation: Not assimilated  
Aquatic toxicity: Negligible

## 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. The use of water is not recommended; surfaces coated with wet material would be a slipping hazard.

## 14. Transport information

No special precautions are necessary.

## 15. Regulatory information

**LABEL FOR SUPPLY:** None

**RISK PHRASES:** None. However, workers should be informed of the presence of crystalline silica and be trained in the proper use and handling of this product as required under applicable regulations.

**SAFETY PHRASES:**

S22 Do not breathe dust  
S26 In case of contact with eyes, rinse immediately with plenty of water  
S36 Wear suitable protective clothing (susceptible persons and in dusty conditions)

**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.

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**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).