

Kerr Italia SpA

MATERIAL SAFETY DATA SHEET

in accordance with communitary directive 2001/58/EC

Section I - Identification of Product and Company

Trade Product Name: Take 1 Alginate	Preparation/Revision Date: 01/06
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Company Name: KerrHawe S.A.	Emergency phone: (+41)-91-61.00.639
Company Address: Via Strecce, 4 – 6934 Bioggio - Switzerland	Information phone: 00-800-41-050-505

Section II - Composition/Information on Ingredients

HAZARDOUS INGREDIENTS	%	SYMBOL	R	CAS N.	EINECS N.
Potassium Hexafluorotitanate	> 5	Xi	36/37/38	16919-27-0	240-969-9
Diatomaceous Earth	< 80	Xn	40/20	68855-54-9	272-489-0

Section III - Hazards Identification

HAZARD CLASSIFICATION	Harmful
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Section IV - First Aid Measures

Treatment for Eye Contact: Rinse with plenty of warm water, do not use a neutralising solution. With persisting problems, seek medical assistance.
Treatment for Skin Contact: Wash with plenty of warm water and soap, use regenerating ointment afterwards.
Treatment for Inhalation (Breathing): Provide sufficient supply of fresh air. With apparent health problems, seek medical assistance.
Treatment for Ingestion (Swallowing): Wash the mouth thoroughly, drink plenty of water. With apparent health problems, seek medical assistance.

Section V - Firefighting Measures

Suitable extinguishing media: Not applicable. The product is not flammable.
Forbidden extinguishing media: Not applicable.
Special fire fighting measures: None.
Unusual fire and explosion hazards: Unknown.
Special protection equipment: Not applicable.

Section VI - Accidental Release Measures

Personal Precautions: Adopt precautions provided in section VIII.
Environmental Precautions: Not available.
Reclaiming Methods: Product can be reclaimed by vacuum cleaning and disposed of according to local regulations.

Section VII - Handling and Storage

Handling Precautions: Not applicable.
Precautions in case of Fire and Explosion: Not applicable.
Storage Conditions: Dry storage. Keep containers closed to prevent moisture absorption and contamination. Store at ambient temperature.
Suggested container(s): Use containers provided by manufacturer.
Indication for Combined Storage: Not applicable.
Other Precautions: Use according to directions.

Section VIII - Exposure controls/personal protection

Precautionary Measures	<u>Ventilation</u> Local Exhaust Ventilation: None. Special Ventilation: None. Mechanical (General) Ventilation: None. Other Ventilation: None.
Limits	TWA: Not applicable; PEL: Not applicable
Respiratory Protection	None required under normal conditions.
Hands Protection	Gloves optional.
Eyes Protection	Safety glasses.
Skin Protection	Use good personal hygiene. Avoid unnecessary exposure.
Other Protective Equipments:	A lab coat may be used.

Section IX - Physical and Chemical Properties

Boiling Point: Not applicable Vapor Pressure: Not applicable	Melting Point: Not applicable Specific Gravity: Not applicable
Evaporation Rate (n-butane=1): Not applicable	Vapor Density (air=1): Not applicable
Solubility in Water: Miscible.	
Appearance and Odor (Physical Form): White powder, with cherry smell.	
Flash Point: N/A	Upper explosivity limit: N/A
Lower explosivity limit: N/A	

Section X - Stability and Reactivity

Stability: Stable.
Conditions to avoid: None.
Incompatibility (Materials to Avoid): None.
Hazardous Decomposition Products: Unknown .
Hazardous Polymerization Products: Polymerization will not occur

Section XI - Toxicological Information

Carcinogenic\Teratogenic: Yes, possible – see below (effects for prolonged exposure)
<u>Effects and Hazards of Overexposure (Acute and Chronic)</u>
Effects and Hazards of Skin Contact: Excessive or prolonged contact may cause a mild irritation.
Effects and Hazards of Eye Contact: May cause irritation.
Effects and Hazards of Inhalation (Breathing): Harmful for inhalation.
Effects and Hazards of Ingestion (Swallowing): Product can harden if swallowed and form lumps that can obstruct digestive tract.
Effects for Prolonged Exposure: The product contains diatomaceous earth, which can contain quarts and Cristobalite in quantities not more than 5%. Both quarts and Cristobalite are classified as Class 1 carcinogenic substances by IARC (International Agency for Research on Cancer). Cristobalite can have cumulative effects if repeatedly inhaled (silicosis).

Section XII - Ecological Information

There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment.

Section XIII - Disposal Considerations

Incinerate or dispose in accordance with local regulations.

Section XIV - Transport Information

SEA TRANSPORTATION				
IMCO Number	Not applicable			
UN Number	Not applicable			
Substance(s) determining hazard	None			
AIR TRANSPORTATION				
ICAO/IATA Class	Not applicable			
Substance(s) determining hazard	None			
TRANSPORTATION BY ROAD/RAILWAY				
<u>RID/ADR</u> N/A	<u>Item</u> N/A	<u>Hazard Identification</u> N/A	<u>Substance Identification</u> N/A	<u>Hazard</u> N/A
<u>Class</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Label</u>

Section XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EC DIRECTIVES	
HAZARD IDENTIFICATION SYMBOL	Xn
R Sentences	
40/20	Harmful: possible risk of irreversible effects through inhalation
S Sentences	
22	Do not breathe dust
Ingredients determining the label	None

Section XVI - Other Information

None

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this Safety Sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this Sheet or the use of this product together with any other process/procedure will be exclusively under the user's responsibility.