

CYBER TECH ALGINATE

1. Identification:

CYBER TECH
DE Healthcare Products
Gilligham
ME8 OSB U.K.

Commercial Products Name: CYBER TECH ALGINATE

Product code: 900 28 29

2. Composition:

Chemical Characterization:

Sodium Alginate	CAS Reg.No.9005-38-3
Sodium Phosphate	CAS Reg.No.7722-88-5
Magnesium Oxide	CAS Reg.No.1309-48-4
Magnesium Carbonate	CAS Reg.No.39409-82-0
Calcium Sulfate	CAS Reg.No.10101-41-4
Potassium Fluortitanate	CAS Reg.No.16919-27-0
Diatomaceous Earth	CAS Reg.No.61790-53-2

Dangerous substances:

<i>Substance</i>	<i>Concentration</i>	<i>CAS</i>	<i>Risk Phrases</i>
Potassium Fluortitanate	1-2%	16919-27-0	R20/21;R25

Form: Dust Free Powders

3. Hazards Identification:

Principal Hazard: Caused by dust generation. Do not breath in alginate dust. Use of a mask to avoid exposure is recommended.

TLV - TWA: 0.1mg/m³

4. First-Aid Measures:

Eyes: Flush with clean water.
Skin: Wash in running water and mild soap.
Inhalation: Remove to fresh air.
Ingestion: Drink large amount of water.

5. Fire Fighting Measures:

Flash Point: Not applicable
Ignition Temperature: Not applicable
Extinguishing Media Suitable: Water, Foam. Treat as class A fire.
Not to be used: --
Special Exposure Hazards: None

6. Accidental release Measures:

Collect in containers for disposal. Material may be disposed of in compliance with local regulation. Sweep up without water to avoid slipping hazard.

7. Handling and Storage:

Handling: Avoid dust accumulation.
Storage: Store in original container in a cool dry place.

8. Exposure Controls and Personal Protection:

Personal Protective Equipment:
Respiratory Protection: Do not breathe in dusts. Use of a mask to avoid exposure is recommended. Use in a well ventilated area.
Hand Protection: None. If needed use latex gloves.
Eye Protection: None if used as directed. Goggles if dust occurs.
Industrial Hygiene: None

9. Physical and Chemical Properties:

Appearance: Fine powder
Odour: Fruits
pH Value: Not stated
Solubility in Water: Insoluble.
Viscosity: Not stated
Density: 0,4 g/cm³
Flash Point: Not applicable
Auto Flammability: Not applicable

10. Stability and Reactivity:

Thermal Decomposition: Will burn when in contact flame.
Hazardous Decomposition Products: None
Hazardous Reactions: Will not occur.

11. Toxicological Informations:

The product presents no toxic hazard when used properly and in accordance with manufacturer instruction. Avoid breathing dusts.

12. Ecological Informations:

Solubility in Water: In contact with water it starts to gel.
Biodegradability: Material is biodegradable at 30%.
Environmental Hazard: No environmental hazard known.

13. Disposal Considerations:

Dispose conforming to local law. Product and packing materials are not listed in the Hazardous Waste Inventory as per CD 91/689/EEC 1 (4). Patient-contacted materials are at infection risk even for disposal purposes (EU Hazardous Waste Inventory No.180103).

14. Transport Considerations:

The product does not fall under the transportation classification for dangerous substances.

15. Regulatory Information:

Risk Phrases: None
Safety Phrases: None
Hazard Symbols: None

16. Additional Informations:

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied.
These informations are compiled according to EC Directives 91/155/EEC, 93/112/EEC.
The information contained does not constitute the users own assessment of workplace risks as required by other Health and Safety legislation. No claim is made for completeness and all applicable laws and regulations have to be considered.