



Material Safety Data Sheet for BIOSTAR™ CH

1. Composition

Active ingredients: Chitosan acetate

Chemical names: (beta-(1,4)-2amino-2deoxy-D-glucose), acetic acid

CAS #: 9012-76-4, 7732-18-5

Source: N/A

2. Description and Properties

Appearance and odor	Yellowish liquid, slight vinegar odor
pH	3.0-5.0
Solubility	Soluble in water

3. First Aid Measures

Eye contact:	BioStar™ CH is mildly irritating to eyes. Flush with water for 15 min to remove and call a physician.
Skin contact:	BioStar™ CH is not hazardous, clean skin after use.
Inhalation:	If excessive fumes are inhaled, seek fresh air. Call a physician if necessary.
Ingestion:	If swallowed, no specific treatment is indicated as the compound is not likely to be hazardous by ingestion. However, call a physician if necessary.

4. Fire & Explosion Hazard Data

Flash Point:	N/A
Flammability:	Non-flammable.
Unusual fire and explosion hazards:	In the form of a water solution, there is no danger of fire or explosion.
Fire Fighting media:	Use water or foam (not flammable in nature)

5. Toxicological Data

Acute oral, LD50 (mice)	>16g/kg
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6. Personal Protection Equipment

Respiratory protection:	None needed
Protective gloves:	Rubber or plastic gloves are recommended to minimize potential mechanical irritation from handling.
Eye protection:	Goggles are recommended
Other protective clothing:	Not needed

7. Handling and Storage

Storage:	Store in a cool, dry place.
For spills of chitosan acetate:	Dilute with water, spray with hose and/or use mop to remove spill.
Waste disposal method:	Wash container with water. Land disposal is acceptable. The product is biodegradable.
Work/ Hygiene practices:	Follow good housekeeping practices.

8. Transportation information

US DOT Shipping name:	Chitosan acetate
DOT Hazard class:	55
Product label:	BioStar™ CH
Canadian TDG:	N/A

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