

MATERIAL SAFETY DATA SHEET

CENTRE FOR STANDARDS ADDRESS : HARELBEKESTRAAT 72 9000 GENT BELGIUM
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SECTION I : IDENTITY

COMMON NAME	SODIUM HYALURONATE FIP STANDARD
ORIGIN	cockscombs
CAS NUMBER	9067-32-7

SECTION II : HAZARDS IDENTIFICATION

Handle as if capable of transmitting infectious agents. May be harmful by inhalation, ingestion or skin absorption. The toxicological properties have not been thoroughly investigated.

SECTION III : PHYSICAL DATA

BOILING POINT	n/a	
SPECIFIC GRAVITY (H ₂ O = 1)	n/a	
VAPOR PRESSURE (mm Hg)	n/a	
PERCENT VOLATILE BY VOLUME (%)	n/a	
VAPOR DENSITY (AIR = 1)	n/a	
EVAPORATION RATE	n/a	
SOLUBLE	n/a	
PH	n/a	
BULK DENSITY	n/a	
INCOMPATIBILITIES	n/a	
REACTIVITY IN WATER	n/a	
APPEARANCE AND COLOUR	white solid	
FLASH POINT	n/a	
FLAMMABLE LIMITS	LOWER n/a	UPPER n/a
IN AIR % BY VOLUME	n/a	
EXTINGUISHER MEDIA	n/a	
AUTO-IGNITION TEMPERATURE	n/a	

n/a = not applicable

SECTION IV : FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	n/a
EXTINGUISHING MEDIA	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
SPECIAL FIRE FIGHTING AND PROCEDURES	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
FLAMMABLE LIMITS	LOWER n/a UPPER n/a
STABILITY	() Unstable (x) Stable
CONDITIONS TO AVOID	Material is stable from a safety point of view.
HAZARDOUS POLYMERIZATION	() May Occur (x) Will Not Occur

SECTION V : HEALTH HAZARD DATA

TRESHOLD LIMIT VALUE	None established
EFFECTS OF OVEREXPOSURE	LD ₅₀ (oral-rat) >800mg/kg Skin absorption: may be harmful if absorbed through the skin Eye contact: may cause irritation Inhalation: may be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract Ingestion: may be harmful if swallowed

1. INHALATION	Remove to fresh air. If breathing becomes difficult, call a physician.
2. EYES	Call a physician. Assure adequate flushing by separating the eyelids with fingers. Flush with copious amounts of water for at least 15 minutes.
3. SKIN	Call a physician. Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.
4. INGESTION	Call a physician. Wash out mouth with water provided person is conscious.

SECTION VI : SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)	Anti-dust mask
VENTILATION	Adequate
LOCAL EXHAUST	Recommended
MECHANICAL (GENERAL)	Recommended
OTHER	n/a
PROTECTIVE GLOVES	Impervious/chemically compatible
EYE PROTECTION	Safety goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Protect exposed skin, appropriate laboratory apparel

SECTION VII : SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Store in tight container. This material should be handled and stored per label and other instructions to ensure product integrity.
OTHER PRECAUTIONS	Avoid contact with eyes, skin or clothing. Avoid breathing dust or mist. Use with adequate dust control. Wash thoroughly after handling. Wear fresh clothing daily. Wash contaminated clothing before reuse. Do not permit eating, drinking or smoking near material.
STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is completed.

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