

MATERIAL SAFETY DATA SHEET

<p>CENTRE FOR STANDARDS ADDRESS : HARELBEKESTRAAT 72 9000 GENT BELGIUM</p>

SECTION I : IDENTITY

COMMON NAME	HAEMOGLOBIN FIP STANDARD
ORIGIN	bovine
CAS NUMBER	9008-02-0

SECTION II : HAZARDS IDENTIFICATION

This product is classified as non-hazardous.

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	deep brown
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	Suitable: water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
SPECIAL FIRE FIGHTING AND PROCEDURES	Wear self-contained breathing apparatus and protective clothing.
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 DECOMPOSITION PRODUCTS	Emits toxic fumes under fire conditions.
HAZARDOUS POLYMERIZATION	() May Occur (x) Will Not Occur

SECTION V : HEALTH HAZARD DATA

TRESHOLD LIMIT VALUE	None established
EFFECTS OF OVEREXPOSURE	Skin contact: may cause skin irritation 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	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
2. EYES	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
3. SKIN	In case of contact, immediately wash skin with soap and copious amounts of water.
4. INGESTION	If swallowed, wash out mouth with water provided person is conscious. Call a physician.

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	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

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