

MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product Name Bovine Serum Albumin Standard Grade pH 7.0 Lyophilized Powder
SKU No. PH100
Relevant identified uses of the substance or mixture and uses advised against
Recommended use Laboratory chemicals, manufacture of substances
Company pH Scientific Ltd.
PO Box 87125, Meadowbank,
Auckland, 1742
Emergency telephone number 0800 747 243

Section 2: Hazard Identification

Classification of the substance or mixture
Not a hazardous substance or mixture.
Label Elements None required
Hazards not other classified (HNOC): None known

Section 3 - Composition/Information on Ingredients

CAS# 9048-46-8 Bovine Serum Albumin

The product does not contain substances, which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

Section 4: First-Aid Measures

Inhalation Move victim to fresh air. Administer oxygen if breathing is difficult.
Give artificial respiration if victim is not breathing.
Skin Rinse with plenty of water. If symptoms arise, seek medical attention.
Eye Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Seek medical advice/attention.
Ingestion Do NOT induce vomiting. If person is drowsy or unconscious and vomiting,

**Most Important Symptoms and Effects, both Acute and Delayed
Notes to Physician**

place on the left side with head down. Seek medical attention.

Inhalation (dust): Large quantities may cause sneezing.

Eye Contact: May cause irritation.

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use water spray, regular foam, carbon dioxide or dry chemical
Unsuitable Extinguishing Media	None known.
Unusual Fire and Explosion Hazards	As with any organic dust, may be explosive if mixed with air in critical proportions.
Advice for firefighters	Wear self-contained breathing apparatus and protective suit

Section 6 - Accidental Release Measures

Personal Precautions	Use personal protection equipment as specified in section 8. Ensure adequate ventilation.
Environmental Precautions	Do not let product enter drains.
Methods / Materials for Containment/Clean-up	Sweep up into suitable containers for recovery or disposal. Dispose of content and/or container to licensed waste disposal site in accordance with local, regional, national, and/or international regulations.

Section 7 - Handling and Storage

Handling	Ensure adequate ventilation and avoid inhaling dust. Avoid contact with eyes.
Storage	Store in clean, dry area at ambient temperature.
Incompatible Materials or Ignition Sources	No known material or ignition sources.

Section 8 - Exposure Controls/Personal Protection

Occupational Exposure	Contains no substances with occupational exposure limit values.
Engineering Measures	Ensure adequate ventilation systems as determined necessary
Personal Protective Equipment	
Respiratory	Respiratory protection is not required. If desired use of a NIOSH/MSHA or European Standard EN 149 approved respirator could be used if dust found to be a nuisance.
Eye/Face	Wear appropriate protective eyeglasses or chemical safety goggles as described in OSHA 29 CFR 1910.133 or European Standard EN166.
Skin/Body	Wear appropriate protective gloves and clothing to prevent skin exposure.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental Exposure Controls	Follow best practice for site management and disposal of waste. Do not let product enter drains.

Section 9 - Physical and Chemical Properties

Material Description

Physical Form	Solid
Appearance	Yellow to green with tan to green cast lyophilized power
Odor	Neutral
Boiling Point/Range	No data available
Melting Point/Range	No data available
pH	6.5 to 7.5 in 10% water
Evaporation	No data available
Flammability	No data available
Vapor	No data available
Bulk Density	No data available
Solubility	Soluble in water
Partition coefficient	No data available
Autoignition	No data available
Oxidizing Properties	No data available

Section 10: Stability and Reactivity

Reactivity	None known under conditions of normal use.
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Chemical Stability	Stable under normal temperatures and pressures
Hazardous Reactions	None known under conditions of normal use.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	None known under conditions of normal use
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Target Organs	No specific data is available
Entry/Exposure	
Inhalation	No specific data is available
Skin	No specific data is available
Eye	No specific data is available.
Ingestion	No specific data is available.

Section 12 - Ecological Information

Toxicity	No information available
Biodegradation	No information available
Bioaccumulation	No information available
Mobility in Soil	No information available

Section 13 - Disposal Considerations

Product waste	Dispose of content and/or container to licensed waste disposal site in accordance with local, regional, national, and/or international regulations.
Packaging waste	Dispose of content and/or container to licensed waste disposal site in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

IATA	
Proper shipping name	Not classified as dangerous in the meaning of transport regulations
Hazard Class	None
Subsidiary Class	None
Packing Group	None
UN-No	None

Section 15 - Regulatory Information

SARA Hazard Classifications

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

California Proposition 65

This product does not contain chemicals listed under Proposition 65.

Section 16 - Other Information

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