



Safety Data Sheet

Section 1: Identification

Product Name: Mold Magnet

Manufacturer Info: Assuredbio
228 Midway Ln. Suite B
Oak Ridge, Tennessee
37830

Contact Number: 865-813-1700
Emergency Number: (ChemTel 1-800-424-9300)

Recommended Use: Apply to air filters

Section 2: Hazard Identification

Classification

Under 2012 OSHA Hazard communication standard (29 CFR 1910. 1200) This product is not a hazardous material.

Label Requirements

Signal Word: None
Pictograms: None
Hazard Statements: None
Precautionary Statements: None

Section 3: Composition of Ingredients

Component	CAS#	Weight by Percentage
Water	7732-18-5	70 – 95
Polyvinyl Alcohol	9002-89-5	1 – 30
Sodium Azide	26628-2-8	>1
Trade Secret	N/A	>1

Section 4: First Aid Measures

Eye Contact:

In case if the product comes in contact with eyes, wash thoroughly for 15 minutes. Make sure to wash under the eyelids as well. Consult a physician if irritation persists.

Skin Contact:

In case if product comes in contact with skin, wash the affected area thoroughly for at least 15 minutes. Consult a physician if irritation persists.

Inhalation:

While not a likely a likely route of exposure, move the person to fresh air if the product is inhaled. If the victim is not breathing, perform artificial respiration.

Oral Ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Section 5: Fire Fighting Measures**Suitable Extinguishing Media**

Since this substance is non-combustible, use extinguishing media appropriate to the local circumstances and the surrounding environment.

Flash Point

Not applicable.

Specific Hazards From the Chemical

None known.

Hazardous Combustion Products

None known.

Protective Equipment and Precautions for Firefighters

As with any fire, wear a self contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures**Personal Precautions**

Wear protective gloves and appropriate eye protection.

Environmental Precautions

Do not allow the product to go down sewage drains.

Methods for Contamination and Clean Up

The material can be cleaned up with an absorbent material (cloth, fleece, inert material, ect.).

Section 7: Handling and Storage**Equipment Required for Handling**

Wear protective gloves and eye protection.

Storage Recommendations

Store at room temperature. Keep product away from excessive heat and cold.

Section 8: Exposure Controls and Personal Protection**Exposure Guidelines**

Component	Exposure Limits
Water	OSHA PEL: No established limit set by OSHA ACGIH TLV: No established limit set by ACGIH
Polyvinyl Alcohol	OSHA PEL: No established limit set by OSHA ACGIH TLV: No established limit set by ACGIH
Sodium Azide	OSHA PEL: 0.3 mg/m ³ ACGIH TLV: 0.29 mg/m ³ or 0.11 ppm
Trade Secret	OSHA PEL: No established limit set by OSHA ACGIH TLV: No established limit set by ACGIH

Engineering Measures

Handle in accordance with good industrial hygiene and safety practice.

Personal Protection Equipment

Eye and Face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations (29 CFR 1910.133).

Skin Protection: Handle with gloves, dispose of contaminated gloves in accordance with good industrial hygiene and safety practices.

Respiratory Protection: No protective equipment should be required under normal use.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices.

Section 9: Physical and Chemical Properties

Physical State	Liquid	Odor	None
Color	Clear	Vapor Pressure	N/A
Density	About 1.0 g/cm ³	Vapor Density	N/A
pH	About 7	Solubility	Completely miscible
Viscosity	N/A	Flash Point	N/A
Melting Point	N/A	Flammability	N/A
Freezing Point	32° F (0° C)	Partition Coefficient	Not determined
Boiling point	212° F (100° C)	Evaporation Rate	Similar to water

Section 10: Stability and Reactivity

Stability

The product is stable under normal use and conditions.

Conditions to Avoid

Excessive heat and cold.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

Section 11: Toxicological Information

Information on Toxicological Effects

LD₅₀ Oral Ingestion: >5,000 mg/kg

LD₅₀ Dermal Contact: >5,000 mg/kg

LC₅₀ Inhalation: >20.1 mg/L

Skin Corrosion/Irritation

No data to show that this product, or any of the ingredients in the concentration they are present, would be a skin irritation or corrosive.

Eye Corrosion/Irritation

No data to show that this product, or any of the ingredients in the concentration they are present, would be a eye irritation or corrosive.

Respiratory or Skin Sensitisation

No data.

Germ Cell Mutagenicity

No data.

Carcinogenicity

- IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by OSHA.

Reproductive Toxicity

No data.

Specific Target Organ Toxicity – Single Exposure

No data.

Specific Target Organ Toxicity – Repeated Exposure

No data.

Aspiration Hazard

No data.

Other Adverse Effects

None to be expected.

Section 12: Ecological Information**Ecotoxicity**

- Toxicity to Fish: No data.
- Toxicity to Aquatic Invertebrates: No data.
- Toxicity to Algae: No data.

Biodegradability

No data available.

Other Adverse Effects

None to be expected.

Section 13: Disposal Considerations**Disposal of Waste**

Due to the liquid nature of this product, there may be some restrictions on its disposal. Follow all local, regional, and national disposal regulations.

Section 14: Transport Information**DOT (US)**

Not a dangerous good.

IMDG

Not a dangerous good.

IATA

Not a dangerous good.

Section 15: Regulatory Information**SARA 302 Components**

The following components are subject to reporting levels established by SARA Title III, Section 302;

Sodium Azide	26628-22-8
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SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 302;

Sodium Azide 26628-22-8

SARA 311/312 Hazards

This product as a whole is not an acute health hazard.

Massachusetts Right To Know Components

Sodium Azide 26628-22-8

Pennsylvania Right To Know Components

Sodium Azide 26628-22-8

New Jersey Right To Know Components

Sodium Azide 26628-22-8

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information**HMIS Rating**

Health hazard: 0

Flammability: 0

Physical Hazard: 0

NFPA Rating

Health hazard: 0

Flammability: 0

Reactivity: 0

Additional Information:

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information present in this document is based on the present state of our knowledge, and does not represent any guarantee of the properties of the product.

Prepared by Tyler Greene

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