

# MSDS--BALL POWDER-BLUE

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product form:** Substance

**Substance name:** Ball Powder-Blue

**CAS NO.:** No applicable.

**Formula:** No applicable.

**EINECS number:** No applicable.

**Synonyms:** No applicable.

### Intended Use Of The Product

**Use of the substance/mixture:** Educational and science kits.

**Revision date :** 31.03.2022

### Name, Address, And Telephone Of Manufacturer/Supplier

XinXiang Alpha Manufacturing Ltd.

West Of Beihuan Road, Muye District, Xinxiang City, Henan Province,

China PostCode: 453003

E-mail: winni@chinaalpha.net

Emergency telephone No.: 86-373-2515705.

## SECTION 2: HAZARDS IDENTIFICATION

**Not a hazardous substance according to Regulation (EC) No. 1272/2008.**

**Potential Health Effects :** **Inhalation** : May be harmful if inhaled. May cause respiratory tract irritation. **Skin** : Not expected to be harmful under normal conditions of use. **Eyes** : May cause eye irritation when contact directly.

**Ingestion** : May be Harmful if swallowed

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Name : Ball Powder-Blue

| Name                     | Product Identifier | %    |
|--------------------------|--------------------|------|
| Polyvinyl Alcohol        | (CAS No.)9002-89-5 | 96.2 |
| Glycerin                 | (CAS No.)56-81-5   | 3.5  |
| Butylated hydroxytoluene | (CAS No.)128-37-0  | 0.2  |
| Brilliant Blue           | (CAS No.)3844-45-9 | 0.1  |

#### **SECTION 4: FIRST AID MEASURES**

##### **Description of first aid measures**

###### **First-aid measures after inhalation:**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

###### **First-aid measures after skin contact:**

Wash with water and soap and rinse thoroughly after use. Obtain medical attention if irritation occurs, develops or persists.

###### **First-aid measures after eye contact:**

Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally.

###### **First-aid measures after ingestion:**

Rinse mouth with plenty of water. Never give anything by mouth to an unconscious person. Contact a physician.

##### **Indication of any immediate medical attention and special treatment needed**

No data available.

## **SECTION 5: FIREFIGHTING MEASURES**

### **Extinguishing media**

#### **Suitable extinguishing media:**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **Special hazards arising from the substance or mixture**

Carbon oxides expected to be the primary hazardous combustion product.

### **Advice for firefighters**

**Precautionary Measures Fire:** Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

**General Measures:** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.

#### **For Non-Emergency Personnel**

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

#### **For Emergency Personnel**

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

### **Environmental precautions**

Prevent entry to sewers and public waters. Avoid release to the environment.

### **Methods and material for containment and cleaning up**

Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

### **Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for safe handling**

Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

### **Conditions for safe storage, including any incompatibilities**

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

### **Specific end use(s)**

No data available.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

#### **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### **Additional information:**

No additional information available.

### **Exposure controls**

**Appropriate Engineering Controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Respiratory protection**

Respiratory protection is not required under normal usage.

Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Hand protection**

Hand protection is not required under normal usage. Wash with water and soap and rinse thoroughly after use.

**Eye protection**

Eye protection is not required under normal usage.

**Skin and body protection**

Skin and body protection is not required under normal usage. Wash with water and soap and rinse thoroughly after use.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Keep away from foodstuffs, beverages and food.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

**Physical State** : Powder

**Colour** : Blue

**Odor** : Odorless

**Odour Threshold** : Not available

**pH** : Not available

**Melting point/freezing point** : Not available

**Boiling point** : Not available

**Flash point** : Not available

**Ignition temperature** : Not available

**Autoignition temperature** : Not available

**Lower flammable limit** : Not available

**Upper flammable limit** : Not available

**Vapour pressure** : Not available

**Density** : No data available

**Solubility** : Soluble in water

**Partition coefficient n-octanol/water** : No data available

**Evaporation rate** : No data available

**Explosion Data – Sensitivity to Mechanical Impact** : No data available

**Explosion Data – Sensitivity to Static Discharge** : No data available

## **SECTION 10: STABILITY AND REACTIVITY**

**Reactivity** : No data available.

**Chemical Stability** : Decomposes slowly on exposure to water (moisture).

**Possibility Of Hazardous Reactions** : Hazardous polymerization will not occur.

**Conditions To Avoid** : Excessive temperature, other sources of ignition, and moisture

**Incompatible Materials** : Strong oxidizers

**Hazardous Decomposition Products** : No data available.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

**Acute toxicity** :

No data available.

**Skin corrosion/irritation** : No data available.

**Serious eye damage/irritation** : No data available.

**Respiratory or skin sensitisation** : No data available.

**Germ cell mutagenicity**: No data available.

**Teratogenicity**: No data available.

**Carcinogenicity** : Not classified

**Reproductive toxicity** : No data available.

**Specific target organ toxicity (single exposure)** : No data available.

**Specific target organ toxicity (repeated exposure)** : No data available.

**Aspiration hazard** : No data available.

**Potential health effects:**

**Inhalation** : May be harmful if inhaled. May cause respiratory tract irritation.

**Skin** : Not expected to be harmful under normal conditions of use.

**Eyes** : May cause eye irritation when contact directly.

**Ingestion** : May be Harmful if swallowed

## **SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity**

**Toxicity to fish**

No data available.

**Persistence and degradability** : No data available.

**Bioaccumulative potential** : No data available.

**Mobility in soil** : No data available.

**PBT and vPvB assessment** : No data available.

**Other adverse effects** : No data available.

**Additional ecological information** : No data available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Disposal must be made according to official regulations.

## **SECTION 14: TRANSPORTATION INFORMATION**

**UN-Number (DOT, ADN, IMDG, IATA)**

Not a dangerous goods.

**UN proper shipping name (DOT, ADN, IMDG, IATA)**

Not regulated.

**Transport hazard class(es) (DOT, ADR, ADN, IMDG, IATA Class)**

Not applicable.

**Packing group (DOT, IMDG, IATA)**

Not applicable.

**Environmental hazards**

Not applicable.

**Special precautions for user**

Not applicable.

**SECTION 15: REGULATORY INFORMATION**

**OSHA Hazards**

No more information.

**TSCA Status**

No more information.

**SARA 302 Components**

No more information.

**SARA 313 Components**

No more information.

**SECTION 16: OTHER INFORMATION**

**Further information**

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