

# SAFETY DATA SHEET



Revision Date 23-May-2015 Version 2

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product names** BIO HAZARD CONTAMINATION POWDER

**Product code** FLOURESCENT ILLUMINATOR POWDER

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Cosmetics

**Restrictions on use** No information available

### 1.3 Details of the supplier of the safety data sheet

**Supplier** Black Light World 2256 Martin Pierce Road Cub Run, KY 42729 (270) 528-6555

**E-mail Address** service@blacklightworld.com

### 1.4 Emergency telephone number (270) 528-6555

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910.1200**

### 2.2 Label elements

This product is not classified.

### 2.3 Other Hazards Hazard's not otherwise classified (HNOC)

Not Applicable

### 2.4 Other information

Not Applicable

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

**Substance**

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Chemical Name** Aluminium Hydroxide **CAS-No** 21645-51-2 **Weight %** < 1

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

**4.1 Description of first-aid measures**

**General advice** No information available.

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin contact** Immediate medical attention is not required. Wash off with soap and water.

**Inhalation** Immediate medical attention is not required. Move to fresh air.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects. **4.3**

**4.3 Recommendations for immediate medical care and/or special treatment**

**Notes to physician** Treat symptomatically.

### 5. Fire-Fighting Measures

**5.1 Extinguishing media**

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.

**5.2 Specific hazards arising from the substance or mixture**

**Special Hazard** None known based on information supplied

**Hazardous Combustion Products** Carbon oxides. Nitrogen oxides (NOx).

**Explosion Data** None.

**Sensitivity to Mechanical Impact** None

**Sensitivity to Static Discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**5.3 Advice for firefighters**

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

### 6. Accidental Release Measures

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

Ensure adequate ventilation, especially in confined areas. Avoid dust formation. Remove all sources of ignition. Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Non sparking tools should be used. Use personal protective equipment.

**6.2 Environmental precautions** See Section 12 for additional Ecological information.

**6.3 Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

## 7. Handling and storage

**7.1 Precautions for safe handling**

**Advice on safe handling** Avoid dust formation. Take precautionary measures against static discharges. Fine dust dispersed in air may ignite. Wear personal protective equipment.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep tightly closed in a dry and cool place.

**Materials to Avoid** No materials to be especially mentioned.

## 8. Exposure controls/personal protection

**8.1 Occupational Exposure Limits (OEL)**

**Chemical Name** Aluminium Hydroxide 21645-51-2 **ACGIH TLV TWA:** 1 mg/m<sup>3</sup> respirable fraction **Ontario TWAEV TWA:** 1 mg/m<sup>3</sup> **OSHA PEL - British Columbia TWA:** 1.0 mg/m<sup>3</sup> **Alberta Quebec N/A**

**8.2 Appropriate engineering controls**

**Engineering Measures** Showers, Eyewash stations, Ventilation systems.

**8.3 Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields

**Skin and body protection** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

**Respiratory protection** If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.

**Hygiene measures** See section 7 for more information

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Physical state** Solid

**Appearance** Powder

**Color** Off White

**Odor** Mild

**Odor Threshold** No information available

#### Property

**pH** No information available

**Melting/freezing point** No information available

**Boiling point/boiling range** Not applicable No information available

**Flash Point** Not applicable No information available

**Evaporation rate** Not applicable No information available

**Flammability (solid, gas)** No information available

#### Flammability Limits in Air

**upper flammability limit** No information available

**lower flammability limit** No information available

**Vapor pressure** No information available

**Vapor density** No information available

**Specific Gravity** 1.2

**Water solubility** Insoluble in water

**Solubility in other solvents** No information available

**Partition coefficient** No information available

**Autoignition temperature** No information available

**Decomposition temperature** No information available

**Viscosity, kinematic** No information available

**Viscosity, dynamic** No information available

**Explosive properties** No information available

**Oxidizing Properties** No information available

### 9.2 Other information

**Volatile organic compounds (VOC) content** No information available

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Dust formation. Take precautionary measures against static discharges.

### 10.5 Incompatible Materials

None known based on information supplied.

### 10.6 Hazardous Decomposition Products

None known based on information supplied.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

**LD50 Oral:** > 2,000 mg/kg (rat)      **LD50 Dermal:** > 2,000 mg/kg (rabbit)

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

#### Numerical measures of toxicity: Component Information

**Chemical Name** Aluminium Hydroxide **LD50 Oral** 21645-51-2 5000 mg/kg ( Rat )

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

Product Information

- Not a dermal irritant

Component Information

- No information available

#### Eye damage/irritation

Product Information

- Dust contact with the eyes can lead to mechanical irritation

Component Information

- No information available

#### Respiratory or skin sensitization

Product Information

- No sensitization responses were observed

Component Information

- No information available

#### Germ Cell Mutagenicity

Product Information

- Negative in the Ames test

Component Information

- No information available

#### Carcinogenicity

- Contains no ingredient listed as a carcinogen

#### Reproductive toxicity

Product Information

- No information available

Component Information

- No information available

#### STOT - single exposure

No information available

#### STOT - repeated exposure

No information available

**Other adverse effects**

Target Organs

• No information available

Product Information

• No information available

Component Information

• No information available

**Aspiration hazard**

Product Information

• No information available

Component Information

• No information available

## 12. Ecological information

### 12.1 Toxicity

#### Ecotoxicity

4.38 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

#### Ecotoxicity effects

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

Discharge into the environment must be avoided

### 12.4 Mobility in soil

No information available.

### 12.5 Other adverse effects

No information available

## 13. Disposal Considerations

### 13.1 Waste Disposal Guidance

Dispose of in accordance with federal, state, and local regulations.

## 14. Transport Information

**DOT** Not regulated

**MEX** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

## 15. Regulatory information

### 15.1 International Inventories

**TSCA** Complies

**DSL** –

**EINECS/ELINCS** Complies

**ENCS** -

**IECSC** –

**KECL** –

**PICCS** –

**AICS** –

**NZIoC** –

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

### 15.2 U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### 15.3 Pesticide Information

Not applicable

### 15.4 U.S. State Regulations

## 16. Other information

**NFPA Health Hazard – Flammability - Instability - Physical and chemical hazards -**

**HMIS Health Hazard 1 Flammability - Flammability 0 Physical Hazard 0 Personal protection X**

#### Legend:

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*Ceiling (C)*

*DOT (Department of Transportation)*

*EPA (Environmental Protection Agency)*

*IARC (International Agency for Research on Cancer)*

*International Air Transport Association (IATA)*

*International Maritime Dangerous Goods (IMDG)*

*NIOSH (National Institute for Occupational Safety and Health) NTP (National Toxicology Program)*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor) PEL (Permissible Exposure Limit)*

*Reportable Quantity (RQ)*

*Skin designation (S\*)*

*STEL (Short Term Exposure Limit) TLV® (Threshold Limit Value) TWA (time-weighted average)*

**Prepared By** Black Light World.

**Revision Date**

Regulatory Affairs/Product Safety  
23-May-2015

**Revision Note**

No information available

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**