

## **MATERIAL SAFETY DATA SHEET MMHG SERIES**

Product Name: Strontium Aluminate Europium Doped Revision Date: 06/30/05

**Black Light World**

**PO Box 26**

**Cub Run, Ky 42729**

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### **SPECIAL NOTICE**

All information, recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. However, Black Light World makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product, Additional product literature may be available upon request. Since actual use by others is beyond our control, no warranty express or implied, is made by Black Light World as to the effects of such use, the results to be obtained or the safety and toxicity of the product, nor does Black Light World assume any liability arising out of use by other of the product referred to herein. The data in the MSDS relates only to specific material designated herein and does not relate to use in combination with any other material or in any process.

### **SECTION I -- IDENTITY INFORMATION**

Product Name: : Strontium Aluminate Europium Doped Revision Date: 06/30/05

CAS Number % ACGIN-TLV OSHA-PEL AS INERT DUST (Total) 2mg/m3 ACGIN-TLV 3mg/m3 OSHA-PEL

Company Identification: Black Light World

PO Box 26

Cub Run, Ky 42729

Product Class A1203, M203, EU203, DY203, SIO2

Trade Name Strontium Aluminate

Product Code GLO POWDERS

### **SECTION II - INGREDIENT AND HAZARD INFORMATION**

Ingredients Gas Number CAS Number % ACGIN-TLV OSHA-PEL AS INERT DUST (Total) 2mg/m3 ACGIN-TLV 3mg/m3 OSHA-PEL

### **SECTION III - PHYSICAL DATA**

**Appearance:** Light green powder with no odor. **Specific Gravity:** 3.0 – 3.6

**Melting Point:** Dissociates 1150

**Freezing Point:** N/AP

**Vapor Pressure:** N/AP

**Percent Volatile:** N/AP

**Vapor Density:** N/AP

**Solubility in water:** Soluable

**Weight per cubic meter:** 3.0 – 3.6

**Flammability Class:** N/AP

**Extinguishing media:** Water

**Evaporation Rate:** N/AP

**PH(% in water):** N/AP

**Flash Point:** N/AP

**Auto-Ignition Temp:** N/AP

#### **Fire Fighting Procedure-Special:**

Fire fighters should wear self contained breathing apparatus when fighting chemical fires.

Use water spray to cool nearby containers and structures exposed to fire.

#### **Unusual Fire and Explosion Hazards:**

This product will not burn. Use appropriate techniques to fight surrounding fire.

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#### **SECTION IV - REACTIVITY DATA**

**Stability:** Stable Hazardous Polymerization: Will not occur Conditions to avoid: Contact with acids

**Incompatibility:** Contact with acids Hazardous Decomposition Products: Will not occur.

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#### **SECTION V – HEALTH HAZARD DATA**

**Respiratory Equipment:** Local exhaust mechanical (General) **Protective Gloves:** Plastic or Neoprene

**Eye Protection:** Chemical glasses **Ventilation:** Proper breathing apparatus

**Other Protective Equipment:** Lab coat **Threshold Limit Value:** OSHA, PEL, total dust 3mg/m<sup>3</sup>

**Primary Routes of Exposure:** Inhalation, Ingestion, Skin **OSHA PEL:** 3mg/m<sup>3</sup> **ACGIH TLV:**3mg/m<sup>3</sup>

**Effects of Overexposure:** May cause irritation to eyes, skin, and mucous membranes.

**Listed Carcinogen:** None

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#### **SECTION VI – EMERGENCY AND FIRST AID DATA**

**Skin:** Wash off with soap and water, wear gloves when handling.

**Eyes:** Flush with water for 5 minutes.

**Inhalation:** Remove to fresh air.

**Ingestion:** Drink quantities of water and induce vomiting.

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#### **SECTION VII – TOXICOLOGY INFORMATION**

This products is non-toxic, for further information contact manufacturer

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#### **SECTION VIII – SPILL OR LEAK PROCEDURES**

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**Spill Procedures:** Wear appropriate protective equipment, avoid the generation of dust, vacuum or shovel. Materials must be placed in closable container for disposal.

**Waste Disposal Methods:** Dispose in accordance with state & local regulations, dep.

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## **SECTION IX – REGULATORY INFORMATION**

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**Sarah 313 Title Toxic Substance Control Act (TSCA):** All ingredients in this product are listed on the U.S EPA TSCA inventory of chemical substances.

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## **SECTION X – HANDLING AND STORAGE INFORMATION**

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**Store closed in cool dry area. When handling wear protective clothing and respiratory protection. Avoid scatter into air.**

**Other Precautions:** Maintain a schedule of regular housekeeping to insure cleanliness.

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## **SECTION XI – ADDENDUM**

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### **DEFINITIONS AND ABBREVIATIONS:**

**ACGIH:** American Conference of Governmental Industrial Hygienists.

**CASRN:** Chemical Abstract Service Registry Number.

**EPA:** Environmental Protection Agency.

**N/AP:** Not Applicable.

**NOISH:** National Institute For Occupational Safety and Health

**OSHA:** Occupational Safety and Health Administration.

**PEL:** Permissible Exposure Limits.

**SARA:** Superfund Amendments and Reauthorization Act.

### **DISCLAIMER**

The information contained herein is believed to be accurate, but is not warranted. Nothing contained herein constitutes a specification, nor is it intended to warrant suitability for the intended use.