



**PRODUCT: CORE Glow Powder**

**MATERIAL SAFETY DATA SHEET (MSDS)**

### **SECTION I – INFORMATION**

**Trade Name:** Strontium Aluminate

**Product Name:** Strontium Aluminate, Europium Doped

**Product Code:** Glow powder

**Product Class:** A1203, M203, EU203, DY203, SI02

**CAS Number:** % ACGIN-TLV OSHA-PEL as inert dust (total) 2 mg/m<sup>3</sup> ACGIN-TLV 3 mg/m<sup>3</sup> OSHA-PEL

**Statement:** This material data sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication standard 29 CFR 1910.1200. This product is considered to be a non-hazardous substance under that standard.

**Company Contact:**

CORE Glow

P.O. Box 1545

Comox, BC

V9M 8A2

TF: 1.855.777.2673 (CORE)

### **SECTION II – INGREDIENT AND HAZARDOUS INFORMATION**

Ingredients Gas Number CAS Number % ACGIN-TLV, OSHA-PEL  
as inert dust (total) 2mg/m<sup>3</sup>, Acgin-TLV 3mg/ m<sup>3</sup> OSHA-PEL

### **SECTION III - PHYSICAL**

**Appearance:** Light green/white powder with no odour

**Melting Point:** Dissociates 1150

**Vapor Pressure:** N/AP

**Vapor Density:** N/AP

**Solubility in Water:** Soluble

**Weight per cubic meter:** 3.0 - 3.6

**Flammability Class:** N/AP

**Extinguishing Media:** Water

**Specific Gravity:** 3.0 - 3.6

**Freezing Point:** N/AP

**Percent Volatile:** N/AP

**Evaporation Rate:** N/AP

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

**Flash Point:** N/AP

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

**Extinguishing media:** Water

**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.

#### **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.

#### **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>

**ACGIN TLV:** 3mg/m<sup>3</sup>

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

**Listed Carcinogen:** None

#### **SECTION VI - EMERGENCY & 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.

#### **SECTION VII - TOXICOLOGY INFORMATION**

This product is of non-toxic, please contact the manufacture for further information.

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

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

**Waste Disposal Methods:** Dispose in accordance with state/provincial and local regulations.

## **SECTION IX - REGULATORY INFORMATION**

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

## **SECTION X - HANDLING & STORAGE INFORMATION**

Store closed in cool dry area when handling wear protective clothing and respiratory protection. Avoid scattering into air.

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

## **SECTION XI – TRANSPORTATION**

Road Transport:

ADR not restricted

RID not restricted

Marine Transport: IMDG/UN not restricted

Air Transport: ICAO/IATA-DGR not restricted

Dispatch by post permitted

## **SECTION XII - DEFINITIONS AND ABBREVIATION:**

ACGIH: American Conference of Governmental Industrial Hygienists.

CASRN: Chemical Abstract Service Registry Number.

EPA: Environmental Protection Agency.

N/AP: Not Applicable.

N/Y: Not Available.

NOISH: National Institute for Occupational Safety and Health.

OSHA: Occupational Safety and Health Administration.

PEL: Permissible Exposure Limits.

SARA: Superfund Amendments and Reauthorization Act.

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## SPECIAL NOTICE

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All information, recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. However, CORE Glow 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/her 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 CORE Glow as to the effects of such use, the results to be obtained or the safety and toxicity of the product, nor does CORE Glow 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.*

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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.