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# **Material Safety Data Sheet**

## 1.INDENTIFICATION OF THE PROCUCT

### **PRODUCT**

Product name : Galactic Blue – GLOWGBLU-2001

Product form : Powder

Use of the product : Colouring agent

Distributor : Pierre-Marie Montréal
Web site: : www.pierre-marie.ca

## 2. HAZARD IDENTIFICATION

### Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008(CLP) : Not classified According to Directive 67/548/EEC & Directive 1999/45/EC : Not classified

Label elements :This product is not a hazardous substance

GHS label elements : Not applicable
Hazard pictogram(s) : Not applicable
Precautionary statement(s) : Not applicable
Other hazards : Not known

## 3.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name Product	CAS No.	EINECS No.	Colour Index	Chemical Composition (%)
Zinc Sulfide	1314-98-3	215-251-3	77975	100

## 4. FIRST AID MEASURES

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

Inhalation: : Get outside and breathe fresh air

Skin contact : Wash affected skin with soap and water. Rince thoroughly with plenty of water

Eye contact : Rince thoroughly with water for 15 to 20 minutes

Ingestion : Clean and rince the mouth with water and drink a lot of water

Physician : No special measures or treatments, no description of toxic symptoms

Inhalation

Repetitively long-term : May cause irritation to the respiratory system, coughing and difficulty breathing

Recommendation : Doctor consultation, Chest XRay



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## 5. FIREFIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media : Extinguish with water spray, foam or dry chemical

Unsuitable extinguishing media : Carbon dioxide.special hazards arising from the substance or mixture

Thermal hazards : Non combustible. None. Material itself does not burn

Advice for firefighters : Fire fighters should wear complete protective clothing including self

contained breathing apparatus

# 6. ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emgergency procedures

Personal precautions : Do not breathe dust

Personal protection equipment : Wear appropriate personal protective equipment, avoid direct contact

In case of emergency : A self contained breathing apparatus and suitable protective clothing should be

worn in fire conditions

Environmental precautions : Do not allow to enter drains, sewers or watercourses Methods and material for

Containment and cleaning up : Collect mechanically and dispose of according to Section 13. Use vacuum

equipment for collecting spilt materials, where practicable

Reference to other sections : See sections 8 and 13

# 7. HANDLING AND STORAGE

Precautions for safe handling : Avoid breathing dust Storage conditions in complete safety.

The material can be slippery when wet

Storage condition : Keep in tightly closed container in one. cool, dry and well ventilated place.

No temperature restriction

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters : Provide adequate ventilation when using the material and follow the principles of good

occupational hygiene to control personal exposures

Exposure limit values : Not known

# **Exposure controls**

Appropriate engineering controls: Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Isolate the dispersive process step away from other operations. This can be achieved by local

exhaust ventilation or general ventilation

#### Individual protections measures, such as personal protective equipment(PPE)

Hand/eye/face protection : Wear gloves, eye protection and an approved dust mask if dust is generated during handling.

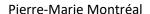
Goggles giving complete protection to eyes. Dust mask covering nose and mouth

Skin protection :Apron or other light protective clothing, boots and plastic or synthetic rubber gloves

Respiratory protection : Dust mask covering nose and mouth

Thermal hazards : None

Environmental exposure controls: Avoid dust generation. Avoid accumulation of dust





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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Powder

Colour : Blue

Odour : odourless

pH : not applicable

Boiling point, ° C : > 401.5°C

Flash point : not applicable

Evaporation rate : not applicable

Flammability (solid, gas) : > 400°C

Vapour pressure : not applicable

Upper explosion limit : not applicable

Lower explosion limit : not applicable

Density : 1.78 g/ml (20°C)

Bulk density : not determined

Solubility (in water) : 1002.e-3 g/l (zinc compound)

Explosive properties : Product does not present an explosion hazard.

Oxidizing properties : No information available.

Particle size : 35-45µm

# 10. STABILITY AND REACTIVITY

Reactivity : There may be violent or incandescent reaction of the product with metals at high

temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc;

lithium)

Chemical stability : Stable under normal conditions

Possibility of hazardous reactions : None

Conditions to avoid : High temperature

Incompatible materials : Strongly acidic, strongly alkaline, oxidizing agents

Decomposition products : No information available

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

This inorganic pigment in general is considered to be practically nontoxic.

Acute toxicity : Not available Carcinogenicity : Not available





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# 12. ECOLOGICAL INFORMATION

Toxicity : No data

Persistence and degradability : Insoluble in water. This product is predicted not to degrade in soil and water

Bioaccumulative potentiall : No data

Mobility in soil : Not applicable

Results of PBT and vPvB assessment : : Not applicable Other

Adverse effects: : Not known

# 13. DISPOSAL CONSIDERATIONS

Waste treatment methods : Dispose of contents in accordance with local, state or national legislation

# 14. TRANSPORT INFORMATION

Not classed as dangerous for transport.

International Transport Regulations	ADR/RID	ADN	IMDG	ICAO/IATA		
UN number	Not applicable	Not applicable	Not applicable	Not applicable		
Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable		
Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable		
Packing group	Not applicable	Not applicable	Not applicable	Not applicable		
Environmental hazards	None	None	None	None		
Special precautions for user	None	None	None	None		
Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable		
Hazard label(s)	Not applicable					
Additional information	Custom tariff No. 32061900					

# 15.REGULATORY INFORMATION



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According to Directive 67/548/EEC & Directive 1999/45/EC: Not classified as dangerous for supply/use Safety, health and environmental

Regulations/legislations specific for the substance or mixture: Not available

### 16. OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)

ADR : European Agreement concerning international carriage of Dangerous goods by Road

CAS : Chemical Abstracts Service

EC: European Community

ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
IATA : International Air Transport Association

#### **DATA SOURCES**

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001

Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi

**HSDB** 

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties

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