
Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE/MIXTURE

Product trade name: BLUE GLOW - Glow In The Dark Pigment
INCI Name:
Use: Luminescent Zinc Sulfide
Soap colorant

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

GHS label elements not applicable
Hazard pictogram(s) not applicable
Signal word(s) not applicable
Hazard statement(s) not applicable
Precautionary statement(s) not applicable
Other hazards not known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical family : zinc Sulfide. Contains no hazardous ingredients

Common chemical name	CAS No.	EINECS No.	Colour Index	Chemical composition(%)	Hazard classification According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP)
Zinc sulfide	68611-70-1	271-904-2		100	Not classified

4. FIRST AID MEASURES

Description of first aid measures

Inhalation: in case of accident by inhalation, move to fresh air

Skin contact	Wash affected skin with water
Eye contact	If in contact with eyes directly, flush with water thoroughly; If irritation persists, seek medical attention
Ingestion	If ingested, rinse mouth with water. No adverse health effects are expected. No special measures are required
Notes to physician	
Most important systems and effects	None
Both acute and delayed	May cause irritation to the respiratory system. Cough.
Acute	Difficulty in breathing
Long term (repeated)	

Indication of immediate medical attention and special treatment needed

Recommended	a. Chest x-ray b. Lung functionality tests
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5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	Extinguish with water, foam or dry chemical
Unsuitable extinguishing media	Carbon dioxide

Special hazards arising from the substance or mixture

Thermal hazards	Noncombustible. None anticipated
Advice for firefighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency 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 materials
Reference to other sections	See sections 8 and 13

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid breathing dust

Conditions for safe storage: Keep container in a well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters Provide adequate ventilation when using material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values Not known

Exposure controls

Appropriate controls: Provide adequate ventilation to ensure that exposure limit are 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

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

Respiratory protection Apron or other light protective clothing, boots and plastic or synthetic rubber gloves
Dust mask covering nose and mouth

Thermal hazards None

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Powder

Color Whitish

Odor Odorless

pH Not applicable

Boiling point, ° C Not applicable

Melting 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.

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

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

Disclaimer: The information relates only to the specific material designated and is not valid when combined with other materials. This information is to the best of Mad Oils knowledge and believed accurate and reliable but is not warranted. Nothing contained here-in constitutes a specification nor is it intended to warrant suitability for the intended use.

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