

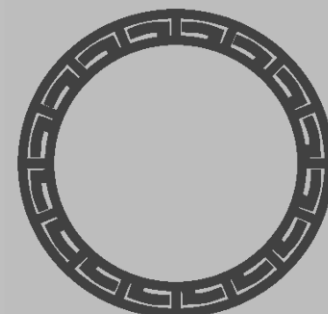
Safety Data Sheet

Egyptian Blue (frit)Pb31

Product Code: PS-IN0050

Department:

C.A.S.:



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Section: 1 Identification

Chemical Name	Copper Silicate Blue $\text{CaCuSi}_4\text{O}_{10}$
Colour Index	C.I., Pigment Blue 31
CAS Number	10279-60-4
Recommended uses	Colorant, artists pigment

Section: 2 Hazard Identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.

HGS Label Elements

Signal Word

GHS Classification

Not regulated under SGH

Hazard Statements

No known significant effects or critical hazards.

Precautionary Statements

Prevention :none assigned under ghs
Response :none assigned under ghs
Storage :none assigned under ghs
Disposal :none assigned under ghs

Section: 3 Composition / Information on Ingredients

Chemical name	Common name and synonyms	CAS number	%	CI Constitution #
Calcium, Copper silicate blue	CI Pigment Blue 31	10279-60-4	100	77437

Composition comments

This product is the result of high temperature calcination of the component substances. Due to its unique crystalline structure the properties of this finished pigment do not necessarily reflect the properties of the component metals or oxides.

Section: 4 First-Aid Measures

Inhalation	Remove to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.
Skin contact	Wash the skin immediately with soap and water. Get medical attention if irritation develops or persists.
Eye contact	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.
Ingestion	Never give anything by mouth to an unconscious person. If swallowed, do NOT induce vomiting. Give several glasses of water to dilute contents of stomach and call a physician.
Most important symptoms/ effects, acute and delayed	Contact with eyes may cause irritation. Inhalation of dusts may cause respiratory irritation. Contact with skin may cause irritation.
General information	If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Where there is a potential for eye exposure to this substance, an eye wash fountain should be provided within the immediate work area for emergency use.

Section: 5 Fire-Fighting Measures

Suitable extinguishing media	Use extinguishing agent suitable for type of surrounding fire.
Unsuitable extinguishing media	Not applicable.
Specific hazards arising from	None known.
Special protective equipment and precautions for firefighters	Use protective equipment appropriate for surrounding materials.
Fire fighting equipment/instructions	Not a fire hazard.
Specific methods	Not established.
General fire hazards	This product is not flammable.

Section: 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust from the spilled material.
Methods and materials for containment and cleaning up	Avoid dust formation. Following product recovery, flush area with water. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container.
Environmental precautions	Do not discharge into drains, water courses or onto the ground.

Section: 7 Handling And Storage

Precautions for safe handling	Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Keep formation of airborne dusts to a minimum. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.
Conditions for safe storage, including any incompatibilities	Store in closed original container in a dry place. Room temperature - normal conditions. Use care in handling/storage. Keep in properly labelled containers.

Section: 8 Exposure Control/Personal Protection

General protective measures	Keep away from foodstuffs and drink. Do not eat, drink or smoke whilst using the product. Wash hands after working with the product.
Eye/face protection	Safety glasses with side-shields.
Skin protection	
Hand protection	Rubber or plastic gloves. PVC disposable gloves. Use impervious gloves.
Other	Normal work clothing (long sleeved shirts and long pants) is recommended.
Respiratory protection	Use an approved respirator.
General hygiene considerations	Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Section: 9 Physical and Chemical Properties

Appearance & Odour	Blue, odourless powder.
Flash Point	Not applicable.
Flammability	Does not support combustion.
Explosive Properties	Non explosive.
Oxidising Properties	No information available
Density	3.0g/cm ³
Solubility in water	Insoluble.
Melting Point	N.A.

Section: 10 Stability And Reactivity

Reactivity	Stable if used according to specifications.
Chemical stability	Stable if used according to specifications.
Hazardous reactions	No information available.
Conditions to avoid	No information available.
Incompatible materials	No information available.
Hazardous decomposition products	None if stored and handled according to specifications.

Section: 11 Toxicological Information

Information on toxicological effects	No toxicological data known.
Irritant to eyes	Dust particles can cause mechanical irritation.
Inhalation	Avoid inhalation of dust.
Reproductive toxicity	No negative effects.
Carcinogenicity	No negative effects.
Mutagenicity	No data available.
Specific target organ toxicity	No data available.

Section: 12 Ecological Information

Persistence and Degradability	Not applicable to inorganic substances.
Bioaccumulation	Not hazardous to the aquatic system.
Mobility	No data available.
Aquatic toxicity	No information available.
Other adverse effects	No ecological problems expected.

Section: 13 Disposal Considerations

Disposal instructions	All wastes must be handled in accordance with local, state and federal regulations.
Hazardous waste code	Not regulated.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied.

Section: 14 Transport Information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.

Section: 15 Regulatory Information

Water hazard class	Non hazardous.
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Section: 16 Other Information

reference	manufacturer's material safety data sheet
prepared by	Kama pigments

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