



FIRED ^{UP} KILNS
and pottery supplies

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Item No.: 8960
Marine Blue Stain
Registration no.
EC No.: 269-072-0
Registration no. 01-2119963939-14-XXXX
CAS No. 68187-11-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Pigment

Identified Uses

F-2: Formulation of preparations (e.g. paints, inks)

PC9a	Coatings and paints, thinners, paint removers
PC9b	Fillers, putties, plasters, modelling clay
PC18	Ink and toners
ERC2	Formulation of preparations
PROC8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9	Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC15	Use as laboratory reagent
PROC26	Handling of solid inorganic substances at ambient temperature
PROC5	Mixing or blending in batch processes
PROC28	Manual maintenance (cleaning and repair) of machinery

F-3: Formulation in materials (e.g. masterbatches of plastic compounds)

PC32	Polymer mixtures and compounds
ERC3	Formulation in materials
PROC5	Mixing or blending in batch processes
PROC14	Tabletting, compression, extrusion, pelletisation, granulation
PROC26	Handling of solid inorganic substances at ambient temperature
PROC28	Manual maintenance (cleaning and repair) of machinery

IW-4: Industrial use of inorganic pigment in ceramic ware, glass, and building materials

SU19	Building and construction work
SU13	Manufacture of other non-metallic mineral products, e.g. plasters, cement
PC9b	Fillers, putties, plasters, modelling clay
ERC5	Industrial use resulting in inclusion into or onto a matrix
PROC5	Mixing or blending in batch processes
PROC7	Industrial spraying
PROC8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9	Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10	Roller application or brushing
PROC13	Treatment of articles by dipping and pouring
PROC14	Tabletting, compression, extrusion, pelletisation, granulation
PROC21	Low energy manipulation and handling of substances bound in/on materials or articles
PROC22	Manufacturing and processing of minerals and/or metals at substantially elevated temperature



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PROC24	High (mechanical) energy work-up of substances bound in /on materials and/or articles
PROC26	Handling of solid inorganic substances at ambient temperature
PROC1	Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC28	Manual maintenance (cleaning and repair) of machinery

IW-5: Industrial use of inorganic pigment in plastic industry

SU12	Manufacture of plastics products, including compounding and conversion
PC32	Polymer mixtures and compounds
ERC5	Industrial use resulting in inclusion into or onto a matrix
PROC5	Mixing or blending in batch processes
PROC6	Calendering operations
PROC7	Industrial spraying
PROC8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9	Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10	Roller application or brushing
PROC14	Tabletting, compression, extrusion, pelletisation, granulation
PROC21	Low energy manipulation and handling of substances bound in/on materials or articles
PROC24	High (mechanical) energy work-up of substances bound in /on materials and/or articles
PROC26	Handling of solid inorganic substances at ambient temperature
PROC28	Manual maintenance (cleaning and repair) of machinery

IW-6: Industrial use of inorganic pigment in paints and coatings

SU16	Manufacture of computer, electronic and optical products, electrical equipment
SU17	General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment
SU15	Manufacture of fabricated metal products, except machinery and equipment
PC9a	Coatings and paints, thinners, paint removers
ERC5	Industrial use resulting in inclusion into or onto a matrix
PROC5	Mixing or blending in batch processes
PROC7	Industrial spraying
PROC8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9	Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10	Roller application or brushing
PROC13	Treatment of articles by dipping and pouring
PROC21	Low energy manipulation and handling of substances bound in/on materials or articles
PROC22	Manufacturing and processing of minerals and/or metals at substantially elevated temperature
PROC24	High (mechanical) energy work-up of substances bound in /on materials and/or articles
PROC26	Handling of solid inorganic substances at ambient temperature
PROC28	Manual maintenance (cleaning and repair) of machinery

IW-7: Application via ink jet in the production of ceramics and glass

SU13	Manufacture of other non-metallic mineral products, e.g. plasters, cement
PC18	Ink and toners
ERC5	Industrial use resulting in inclusion into or onto a matrix
PROC1	Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2	Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3	Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4	Chemical production where opportunity for exposure arises
PROC5	Mixing or blending in batch processes
PROC7	Industrial spraying
PROC8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9	Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC21	Low energy manipulation and handling of substances bound in/on materials or articles



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PROC26 Handling of solid inorganic substances at ambient temperature
PROC28 Manual maintenance (cleaning and repair) of machinery

PW-8: Professional use of inorganic pigment in ceramic ware, glass, and building materials

SU19 Building and construction work
SU13 Manufacture of other non-metallic mineral products, e.g. plasters, cement
PC9b Fillers, putties, plasters, modelling clay
ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix
PROC5 Mixing or blending in batch processes
PROC8a Transfer of substance or mixture (charging and discharging) at nondedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring
PROC19 Manual activities involving hand contact
PROC21 Low energy manipulation and handling of substances bound in/on materials or articles
PROC22 Manufacturing and processing of minerals and/or metals at substantially elevated temperature
PROC24 High (mechanical) energy work-up of substances bound in /on materials and/or articles
PROC26 Handling of solid inorganic substances at ambient temperature

SL-1: Handling of pigment-containing ceramic ware/glass ware/plastic articles/object used in construction and/or coated/painted articles

ERC12a Industrial processing of articles with abrasive techniques (low release)
AC1-1 Passenger cars and motor cycles
AC1-2 Other vehicles: Railway, aircraft, vessels, boats, trucks, and associated transport equipment
AC2 Machinery, mechanical appliances, electrical/electronic articles
AC4 Stone, plaster, cement, glass and ceramic articles
AC7 Metal articles
AC13 Plastic articles
PROC21 Low energy manipulation and handling of substances bound in/on materials or articles
PROC24 High (mechanical) energy work-up of substances bound in /on materials and/or articles

SL-2: Handling of pigment-containing object used in construction and/or coated/painted articles in professional settings

ERC10a Wide dispersive outdoor use of long-life articles and materials with low release
ERC11a Wide dispersive indoor use of long-life articles and materials with low release
AC1-1 Passenger cars and motor cycles
AC1-2 Other vehicles: Railway, aircraft, vessels, boats, trucks, and associated transport equipment
AC2 Machinery, mechanical appliances, electrical/electronic articles
AC4 Stone, plaster, cement, glass and ceramic articles
AC7 Metal articles
AC13 Plastic articles
PROC21 Low energy manipulation and handling of substances bound in/on materials or articles
PROC24 High (mechanical) energy work-up of substances bound in /on materials and/or articles

SL-3: Handling of pigment-containing ceramic ware/glass ware/plastic Articles/object used in construction and/or coated/painted articles for consumer use

ERC10a Wide dispersive outdoor use of long-life articles and materials with low release
ERC11a Wide dispersive indoor use of long-life articles and materials with low release
AC1-1 Passenger cars and motor cycles
AC1-2 Other vehicles: Railway, aircraft, vessels, boats, trucks, and associated transport equipment
AC2 Machinery, mechanical appliances, electrical/electronic articles
AC4 Stone, plaster, cement, glass and ceramic articles
AC7 Metal articles
AC13 Plastic articles



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1.3 Details of the supplier of the safety data sheet

Fired Up Kilns (AUS)
20 Helen Street, Heidelberg West 3081 Victoria Australia Tel +61 (0) 3 7013 9025 hello@firedupkilns.com.au

1.4 Emergency telephone number

AUS +61(0) 3 7013 9025 Office hours

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format.

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008

2.3. Other hazards

No special hazards have to be mentioned. According to the definition in Regulation (EU) 2018/1881, the substance is not in nanoform. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information

In case of persistent symptoms consult doctor

After Inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After Skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After Eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After Ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3 Indication of any immediate medical attention and special treatment needed

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide, Water spray jet

5.3 Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation

6.3 Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4 Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs

Further information on storage conditions

Keep container tightly closed and dry

SECTION 8: Exposure Controls/personal protection

8.2 Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Dust mask

Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material neoprene

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state solid

Melting point

Remarks not determined

Freezing point

Remarks not determined

Boiling point or initial boiling point and boiling range

Remarks not determined

Flammability

not determined

Upper and lower explosive limits

Remarks not determined

Flash point

Remarks Not applicable



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Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Remarks not determined

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Remarks not determined

Relative vapour density

Remarks not determined

9.2. Other Information

Odour threshold

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known



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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Remarks Based on available data, the classification criteria are not met.

Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

Sensitization

Remarks Based on available data, the classification criteria are not met.

Subacute, subchronic, chronic toxicity

Remarks Based on available data, the classification criteria are not met.

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)

Remarks Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties with respect to humans

This substance does not have endocrine disrupting properties with respect to humans.

Other Information

No toxicological data are available.

SECTION 12: Ecological Information

12.1. Toxicity

Fish toxicity

Remarks Based on available data, the classification criteria are not met.

Daphnia toxicity

Remarks Based on available data, the classification criteria are not met.

Algae toxicity

Remarks Based on available data, the classification criteria are not met.

Bateria toxicity

Remarks Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

General Information

Not relevant

12.3. Bioaccumulative potential

General Information

Not relevant

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil

General Information

Not relevant



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12.5 Results of PBT and vPvB assessment

General Information

The Substance does not meet PBT-criteria.

12.6 Other adverse effects

Endocrine disrupting properties with respect to the environment

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7 General Information

None known

General information / ecology

Do not discharge product unmonitored into the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards	-		-

SECTION 15: Regulatory information

15.1 Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1 Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Disclaimer.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.