

# Safety Data Sheets



## F.O.S. Lime Blue Pb29, Pw18

Product code: PS-MI0460

Department: french ocre society, dry pigments

C.A.S. : 1317-65-3, 57455-37-5

### Section: 1 Identification

Product name	F.O.S. Lime Blue
material use	coloring material
Index de couleur :	mixture of Pw18 + PB29
Chemical composition :	CaCO <sub>3</sub> + complex silicate of sodium and aluminum with sulfur or sodium aluminosulphosilate (PB29)
Company:	KAMA pigments 7442 St-Hubert Montréal Québec, H2R 2N3 phone : 514 272 2173 email : info@kamapigment.com

### Section: 2 Hazard Identification

hazard classification	not assessed
signal word	not assessed
hazard statements	not assessed
precautionary statements	not assessed
other hazards	not assessed

### HGS Label Elements



**Signal Word**

Danger

**Precautionary Statements**

Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Get medical advice/attention if you feel unwell.

**GHS Classification**

Specific target organ toxicity -repeated exposure-Cat.1

**Hazard statements**

H372 Causes damage through prolonged or repeated exposure

**Section: 3 Composition / Information on Ingredients**

Hazardous Ingredients	CAS #	Wt. %
C.I. blue 29, Colorant	57455-37-5	1
Crystalline Silica Quartz	14808-60-7	0.6
Limestone	1317-65-3	98-99

**Section: 4 First Aid Measures**

skin contact	Wash affected area immediately with large amounts of soap and water if irritation develops or persists, seek medical attention
eye contact	Immediately hold eyelids open and flush with water for at least 15 minutes seek medical attention
inhalation	Move victim to fresh air if breathing has stopped, perform artificial respiration in all cases of doubt, or when symptoms persist, seek medical attention
ingestion	Do not induce vomiting rinse out mouth with water drink 1 or 2 glasses of water seek immediate medical attention
notes to physician	treat symptomatically

**Section: 5 Fire Fighting Measures**

extinguishing media	water spray, foam, dry powder or carbon dioxide
hazardous combustion products	not applicable
special fire fighting procedures	firefighters should wear protective equipment as required
unusual fire / explosion hazards	avoid high dust concentrations

**Section: 6 Accidental Release Measures**

Leaks and spills	avoid creating dust do not allow product to enter sewers or waterways vacuum/shovel up and transfer into a drum for reuse or disposal wear protective clothing during cleanup.
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**Section: 7 Handling And Storage**

Handling procedures	avoid creation of respirable dust wash skin thoroughly after handling and before eating or smoking use good industrial hygiene practices in handling this material
storage needs	store in a cool, dry, well-ventilated area keep container tightly closed

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## Section: 8 Exposure Control/Personal Protection

INGREDIENTS	ACGIH TLV TWA STEL	OSHA PEL PEL STEL	NIOSH REL
crystalline silica quartz	0.025 mg/m <sup>3</sup> respirable		
limestone	10 mg/m <sup>3</sup> total dust		
C.I. blue 29, Colorant	3 mg/m <sup>3</sup> respirable & 10 mg/m <sup>3</sup> total dust		
ventilation requirements	general ventilation is recommended		
protective equipment			
eye/type	wear safety glasses with side shields or goggles		
respiratory/type	a niosh/osha approved dust respirator should be worn determine the appropriate type by consulting the respirator manufacturer		
gloves/ type	wear protective gloves		
clothing/type	no special protective clothing is required		
footwear/type	no special footwear is required		
body/type	no special protective clothing is required		

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## Section: 9 Physical and Chemical Properties

physical state	blue powder
odour	odourless
odour threshold (ppm)	not applicable
freezing point (°c)	not applicable
melting point (°c)	not available
boiling point (°c)	not applicable
flash point (°c), method	not flammable
evaporation rate	not applicable
upper flammable limit (% vol)	not applicable
lower flammable limit (% vol)	not applicable
vapour pressure (mm hg)	not applicable
vapour density (air=1)	not applicable
specific gravity	not applicable
bulk density	not applicable
density	2.7 g/ml
solubility in water (% w/w)	13 mg/100g @ 18 c (Pw18 only)
coefficient of water/oi distribution	not applicable
auto ignition temperature (°c)	not applicable

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## Section: 10 Stability And Reactivity

hazardous polymerization	will not occur
stability	stable
incompatibility	acids aluminum salts alum fluorine
conditions to avoid	generating dust
sensitivity to mechanical impact	not sensitive
sensitivity to static discharge	not sensitive
hazardous products of decomposition	calcium oxide carbon dioxide

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## Section: 11 Toxicological Information

ingredients	lc50	ld50
crystalline silica quartz	not indicated	> 8000 mg/kg oral rat
limestone	not indicated	oral rat 6,450 mg/kg
C.I. blue 29 Colorant	Non indiqu�	Rat Oral >10,000 mg/kg
signal phrase	iarc group 1 carcinogen	
route of entry	eye contact skin contact inhalation ingestion	

skin contact	may cause skin irritation avoid skin contact
eye contact	causes eye irritation avoid eye contact
inhalation	iarc has classified crystalline silica as carcinogenic to humans may cause irritation of nose, throat or respiratory tract
ingestion	ingestion of large amounts may cause gastrointestinal irritation do not ingest
medical conditions affected by exposure	pre-existing respiratory disease may be aggravated by exposure to this material
signs of over exposure	prolonged, excessive exposure to dust may cause chronic pulmonary disease
toxicity effects on animals	no additional remark
toxic effects on humans	may cause slight respiratory irritation may cause slight eye irritation
chronic effects on humans	prolonged exposure can cause pulmonary disease long term exposure to products containing crystalline silica may cause silicosis
teratogenicity	no evidence of teratogen effects
mutagenicity	no evidence of mutagenic effects
reproductive effects	no evidence of reproductive effects

## Section: 12 Ecological Information

ecotoxicity data	not available
products of degradation	no specific information is available in our database regarding the degradation of this product
biodegradability	our database contains no additional remark on the biodegradation of this product

## Section: 13 Disposal Considerations

waste disposal	dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations
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## Section: 14 Transport Information

tdg classification	not regulated under tdg (canada)
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## Section: 15 Regulatory Information

cepa status	all the ingredients are on the dsl list
controlled products regulations	this product has been classified in accordance with the hazard criteria of the controlled products regulations and this document contains all the information required by the controlled products regulations
whmis classification	whmis class D2A: materials causing other toxic effects-very toxic material us tsca inventory status all components of this product are listed on the tsca chemical substances inventory or are exempt

## Section: 16 Other Information

Reference	Manufacturer's material safety data sheet.
Prepared by	Kama pigments

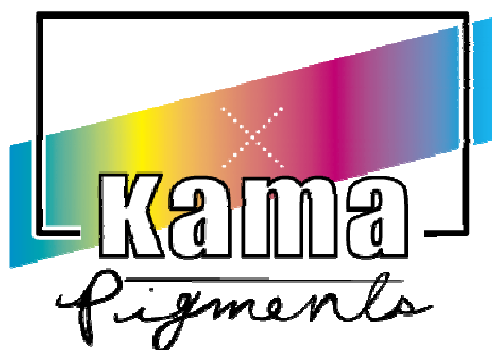
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