

Safety Data Sheets



Limonite Py43

Product code: PS-MI0006

Department: iron oxides dry pigments

C.A.S. : 1309-37-1

Section: 1 Identification

Product : Natural Limonite, iron oxide pigment

company: KAMA pigments
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phone : 514 272 2173
email : info@kamapigment.com

recommended uses: pigment for use in artists' colors, paints; coloring material not for use in tattoo inks, cosmetics any medical related applications.

Section: 2 Hazard Identification

HGS Label Elements



Signal Word

Warning

GHS Classification

Skin sensitization,-Cat.1

Hazard statements

H317 May cause an allergic skin reaction

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 IF ON SKIN: Wash with plenty of water
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Section: 3 Composition / Information on Ingredients

Substance: Mixture
Chemical Characterization: Natural pigment, Limonite. Pigment Yellow 43
Hazardous Ingredients: Antimony
Additional information: Exempted from the mandatory REACH Registration.

Section: 4 First Aid Measures

SKIN:	Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered.
EYES:	Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if there is irritation.
INHALATION:	Remove from contaminated area promptly. CAUTION: Rescuer must not endanger himself! If breathing stops, administer artificial respiration and seek medical aid promptly.
INGESTION:	Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.
NOTE:	Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity substance. The stomach should only be emptied under medical supervision, and after the installation of an airway to protect the lungs.

Section: 5 Fire Fighting Measures

Flash Point	cannot burn
Auto ignition Temperature	cannot burn
Flammable Limits	cannot burn
Combustion Products	none
Suitable extinguishing media:	Extinguishing powder.
Firefighting Precautions	as for materials sustaining fire; firefighters must wear SCBA
Static Charge Accumulation	cannot burn, not applicable

Section: 6 Accidental Release Measures

Leak Precaution	not required – solid material
Handling Spill	shovel carefully (do not create dust) or vacuum spilled material; sprinkle residue with dust suppressing sweeping compound, sweep, shovel and store in closed containers for disposal

Section: 7 Handling And Storage

Instructions on safe handling:	Avoid contact with eyes and skin. Avoid formation and deposition of dust. Provide adequate ventilation.
Hygienic measures:	Do not eat or drink during work. Do not smoke.
Conditions for Safe Storage, including any Incompatibilities:	Storage conditions: Store in tightly sealed containers in a dry room. Protect from direct exposure to light. Avoid moisture.

Section: 8 Exposure Control/Personal Protection

Exposure Values:	Component	ACGIH TLV	OSHA PEL
	Iron Oxide	5 mg/m ³	10 mg/m ³
Ventilation	mechanical ventilation may be required to maintain airborne dust below TWAEV; depending on handling procedures		
Hands	no special protective gloves required		
Eyes	safety glasses with side shields – always protect the eyes		
Clothing	no special protective clothing required		
Respirator	NIOSH approved dust mask		

Section: 9 Physical and Chemical Properties

Odour & Appearance	odourless yellow powder
Odour Threshold	not known
Melting Point	1526°C
Density	3.4 g/cm ³
Water Solubility	insoluble

Section: 10 Stability And Reactivity

Stability	stable, if used according to specifications.
Decomposes in Presence of	red hot carbon (Fe ₂ O ₃)
Decomposition Products	iron and carbon monoxide/carbon dioxide
Sensitive to Mechanical Impact	no.

Section: 11 Toxicological Information

Iron Oxide:	
Immediately dangerous to Life or Health:	2500 mg/cu m (as Fe) /Iron oxide dust and fume, as Fe.
OSHA Standards:	Permissible Exposure Limit: Table Z-1 8-hr Time Weighted Avg: 10 mg/cu m. /Fume/
NIOSH Recommendations:	Recommended Exposure Limit: 10 Hr Time-Weighted Avg: 5 mg/cu m. /Iron oxide dust and fume, as Fe.
Cancerogenity:	IARC: 3, group 3: not classifiable

Section: 12 Ecological Information

Bioaccumulation	this product cannot bioaccumulate
Biodegradation	this product is relatively inert and will not biodegrade
Abiotic Degradation	this product is relatively inert and will not undergo abiotic degradation
Mobility in soil, water	this product is water insoluble and will not move in soil and water
Marine Toxicity	no data

Section: 13 Disposal Considerations

Waste Disposal	do not flush to sewer, this product is not a hazardous waste; may be dumped in sanitary landfill unless local regulations forbid this
Product:	Dispose of according to official national and local regulations. These products have to be dissolved in a flammable solvent or mixed with it and then burnt in an incinerator for chemicals (with afterburner and exhaust washer).
Uncleaned packaging:	Packaging may be disposed of in the same manner as the product.

Section: 14 Transport Information

tdg classification(canada):	Not dangerous goods
DOT Classification(USA):	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.

Section: 15 Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and GHS and the MSDS contains all the required informations.

Canada DSL	on inventory
U.S.A. TSCA	on inventory
Europe EINECS	on inventory

Section: 16 Other Information

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

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