

Safety Data Sheets



Aqua-Dispersion Pyrazolone Orange Po13

Product code: PD-200022

Department: aqua-dispersion pigments

C.A.S. : 37199-81-8

Section: 1 Identification

Product name	Aqua-Dispersion Pyrazolone Orange
Product use	Colouring agent. Pigment

Section: 2 Hazard Identification

Emergency overview
IRRITANT.

Potential health effects

Irritation / corrosion

Signs and symptoms of overexposure

Potential environmental effects

Degradation / environmental fate

Irritating to eyes.

No significant reaction of the human body to the product known.

The colourant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant

HGS Label Elements

Signal Word

Precautionary Statements

GHS Classification

Hazard statements

Section: 3 Composition / Information on Ingredients

CAS Number
37199-81-8

Content (W/W)
>= 1.0 - <= 5.0 %
trimethylpentene, sodium salt

Hazardous ingredients
2,5-Furandione, polymer with 2,4,4-

Section: 4 First Aid Measures

General advice	Remove contaminated clothing.
If inhaled	Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.
If on skin	Wash thoroughly with soap and water.
If in eyes	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
If swallowed	Rinse mouth and then drink plenty of water.

Section: 5 Fire Fighting Measures

Flash point	> 100 °C
Auto-ignition	not determined
Flammability	not determined
Self-ignition temperature	not self-igniting
Suitable extinguishing media	water spray, dry powder, foam
Hazards during fire-fighting	harmful vapours. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
Protective equipment for fire-fighting	Wear a self-contained breathing apparatus in confined areas or when exposed to combustion products.

Section: 6 Accidental Release Measures

Personal precautions	Use personal protective clothing.
Environmental precautions	Do not discharge into drains/surface waters/groundwater.
Cleanup	Spills should be contained, solidified, and placed in suitable containers for disposal.
For small amounts	Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.
For large amounts	Pump off product.

Section: 7 Handling And Storage

Handling	No special measures necessary provided product is used correctly
Storage	Keep container tightly closed and in a cool place.

Section: 8 Exposure Control/Personal Protection

Personal protective equipment	
Respiratory protection	Wear respiratory protection if ventilation is inadequate.
Hand protection	Chemical resistant protective gloves
Eye protection	Tightly fitting safety goggles (chemical goggles).
General safety and hygiene measures	Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible.

Section: 9 Physical and Chemical Properties

Form	liquid
Odour	ammonia-like
Odour threshold	No data available.
Colour	orange
pH value	9.6 - 10.6 (20 °C)
Melting point	not applicable
Boiling point	> 100 °C
Vapour pressure	(20 °C)
Density	1.14 g/cm ³ (20 °C)
Relative density	No data available.
Vapour density	not determined
% volatiles	N/A
Solubility in water	dispersible

Section: 10 Stability And Reactivity

Conditions to avoid	No conditions to avoid anticipated.
Hazardous reactions	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as prescribed/indicated.
Thermal decomposition	not determined

Section: 11 Toxicological Information

Acute toxicity	
Oral:	
Type of value	LD50
Species	rat
Value	> 5,000 mg/kg
Inhalation:	
Type of value	LC50
Species	rat
Exposure time	4 h
Value	not determined
Dermal:	
Type of value	LD50
Species	rat
Value	not determined
Irritation / corrosion	
Skin:	
Species	rabbit
Result	mildly irritating
Eye:	
Species	rabbit
Result	Irritant.
Sensitization	No data available concerning sensitizing effects.
Aspiration Hazard	No aspiration hazard expected.
Other Information	The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

Section: 12 Ecological Information

Fish		
Acute	Fish/LC50 (96 h)	not determined
Chronic	No data available.	
Aquatic invertebrates		
Acute	daphnia/LC50 (48 h)	not determined
Chronic	No data available.	
Aquatic plants		
Toxicity to aquatic plants	algae/EC50 (72 h)	not determined
Microorganisms		
Toxicity to microorganisms	bacteria/EC50 (0.5 h)	not determined
Other adverse effects	The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.	

Section: 13 Disposal Considerations

Waste disposal of substance	Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section: 14 Transport Information

Land transport	TDG	Not classified as a dangerous good under transport regulations
Sea transport	IMDG	Not classified as a dangerous good under transport regulations
Air transport	IATA/ICAO	Not classified as a dangerous good under transport regulations

Section: 15 Regulatory Information

VOC content	< 10 g/l		
Federal Regulations			
Registration status	Chemical	DSL, CA	released / listed
WHMIS classification	D2B: Materials Causing Other Toxic Effects – Toxic material		

This product has been classified in accordance with the hazard criteria of the cpr and the msds contains all the information required by the cpr.

Section: 16 Other Information

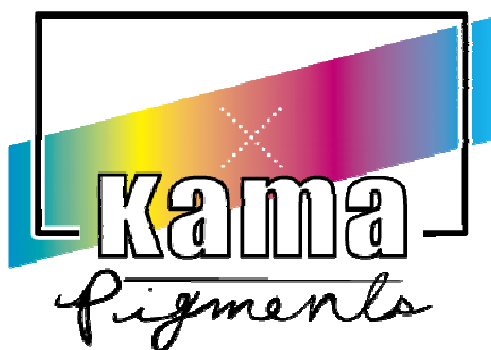
Reference	Manufacturer's material safety data sheet.
Prepared by	Kama pigments

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