

Safety Data Sheets



Aqua-Dispersion Transparent Oxide Red Pr101

Product code: PD-200060

Department: aqua-dispersion pigments

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

Section: 1 Identification

PRODUCT NAME	Aqua-Dispersion Transparent Oxide Red
MATERIAL USE	Colouring agent. Pigment.
PRODUCT USE	Industrial.

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

Precautionary Statements

GHS Classification

Hazard statements

Section: 3 Composition / Information on Ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
Iron Oxide	1309-37-1	N/Av

Section: 4 First Aid Measures

SKIN CONTACT	Wash affected area immediately with large amounts of soap and water. Remove contaminated clothing and wash before reuse. If irritation develops or persists, seek medical attention.
EYE CONTACT	Immediately hold eyelids open and flush with water for at least 15 minutes. If irritation develops or persists, seek medical attention.
INHALATION	If affected, move to fresh air. In all cases of doubt, or when symptoms persist, seek medical attention.
INGESTION	DO NOT induce vomiting. Seek medical attention.
NOTES TO PHYSICIAN	No additional remark.

Section: 5 Fire Fighting Measures

EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, foam, water.
HAZARDOUS COMBUSTION PRODUCTS	None known.
SPECIAL FIRE FIGHTING PROCEDURES.	Use water spray to keep fire-exposed containers cool and absorb heat. Firefighters should wear protective equipment as required.
UNUSUAL FIRE / EXPLOSION HAZARDS	Containers may rupture when exposed to extreme heat.

Section: 6 Accidental Release Measures

LEAKS AND SPILLS	Absorb with an inert material and place in a chemical waste container. Do not allow product to enter sewers or waterways. For larger spills, dike area and pump into waste containers. Wear protective clothing during cleanup.
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Section: 7 Handling And Storage

HANDLING PROCEDURES	Avoid contact with eyes and skin. Avoid inhalation and ingestion. Wash skin thoroughly after handling and before eating or smoking. Use under well ventilated conditions. Use good industrial hygiene practices in handling this material.
STORAGE NEEDS	Do not store in open, unlabeled or mislabeled containers. Keep container tightly closed. Store in a cool, dry, well-ventilated area.

Section: 8 Exposure Control/Personal Protection

INGREDIENTS	ACGIH-TLV TWA	STEL	OSHA-PEL PEL	STEL	NIOSH REL
Iron Oxide	5 mg/m3				
VENTILATION REQUIREMENTS	Use under well-ventilated conditions.				
PROTECTIVE EQUIPMENT					
EYE/TYPE	Safety goggles or glasses required.				
RESPIRATORY/TYPE	Wear appropriate respirator when ventilation is inadequate. Determine the appropriate type by consulting the respirator manufacturer.				
GLOVES/ TYPE	Wear protective gloves.				
CLOTHING/TYPE	Protective clothing should be selected based on the task being performed and the risks involved.				
FOOTWEAR/TYPE	No special footwear is required.				
BODY/TYPE	No special protective clothing is required.				

Section: 9 Physical and Chemical Properties

PHYSICAL STATE	Red liquid
ODOUR	Odourless.
ODOUR THRESHOLD (ppm)	Not applicable.
pH	Not available.
FREEZING POINT (°C)	Not available.
MELTING POINT (°C)	Not applicable.
BOILING POINT (°C)	Not available.
FLASH POINT (°C), METHOD	Not applicable.
EVAPORATION RATE	Slower than n-butyl acetate.
FLAMMABILITY	Class IIIB.
UPPER FLAMMABLE LIMIT (% VOL)	Not applicable.
LOWER FLAMMABLE LIMIT (% VOL)	Not applicable.
VAPOUR PRESSURE (mm Hg)	Not available.
VAPOUR DENSITY (AIR=1)	Heavier than air.
SOLUBILITY IN WATER (% W/W)	Miscible.
COEFFICIENT OF WATER\OIL DISTRIBUTION	Not applicable.
AUTO IGNITION TEMPERATURE (°C)	Not applicable.
VISCOSITY	20 - 130 KU.
% VOLATILE	Not available.
VOC	Not available.
RELATIVE DENSITY	1.3 g/cm3

Section: 10 Stability And Reactivity

HAZARDOUS POLYMERIZATION	Will not occur.
STABILITY	Stable.
INCOMPATIBILITY	Aluminum powder. Calcium hypochlorite. Carbides. Ethylene oxide. Hydrazine. Peroxides. Acids. Bases. Strong oxidizing agents.
CONDITIONS TO AVOID	Do not freeze.
SENSITIVITY TO MECHANICAL IMPACT	Not sensitive.
SENSITIVITY TO STATIC DISCHARGE	Not sensitive.
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide and/or carbon dioxide.

Section: 11 Toxicological Information

INGREDIENTS	LC50	LD50
Iron Oxide	Not Indicated	Oral Rat > 5,000 mg/kg Dermal Rabbit > 5,000 mg/kg
SIGNAL PHRASE	DO NOT FREEZE.	
ROUTE OF ENTRY	Eye contact. Skin contact. Inhalation. Ingestion.	
SKIN CONTACT	May cause mild irritation. Avoid skin contact.	
EYE CONTACT	May cause irritation (tears, blurred vision, and redness). Avoid eye contact.	
INHALATION	May cause irritation of nose, throat or respiratory tract. Avoid inhalation.	
INGESTION	Do not ingest.	
MEDICAL CONDITIONS AFFECTED BY EXPOSURE	Pre-existing skin disorders may be aggravated by this material.	
SIGNS OF OVER EXPOSURE	No additional remark.	
TOXICITY EFFECTS ON ANIMALS	No additional remark.	
TOXIC EFFECTS ON HUMANS	May cause eye irritation. May cause irritation to respiratory tract. May cause skin irritation.	
CHRONIC EFFECTS ON HUMANS	No specific information is available in our database regarding the other chronic toxic effects of this material for humans.	
TERATOGENICITY	No evidence of teratogen effects.	
MUTAGENICITY	No evidence of mutagenic effects.	
REPRODUCTIVE EFFECTS	No evidence of reproductive effects.	
CARCINOGENICITY	No evidence of carcinogenic effects according to ACGIH or IARC.	

Section: 12 Ecological Information

ECOTOXICITY DATA	iron Oxide - 96 hr LC50 (golden orfe) >1000 mg/L.
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 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

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	This is not a WHMIS controlled product.
U.S. TSCA INVENTORY STATUS	All components of this product are listed on the TSCA Chemical Substances Inventory or are exempt.

Section: 16 Other Information

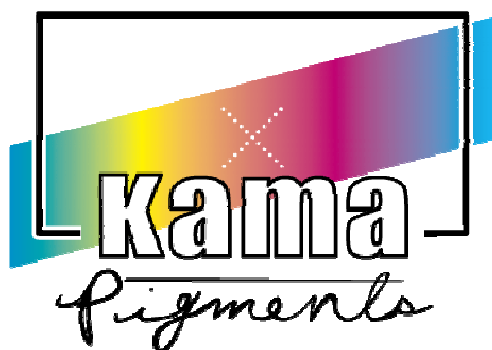
Reference	Manufacturer's material safety data sheet.
Prepared by	Kama pigments

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