Safety Data Sheets

Anthraquinone red Pr177

Product code: PS-OR0065
Department: organic dry pigments
C.A.S. : 4051-63-2

Section: 1 Identification

C.I. Name:	Pigment red 177
Use of the substance/preparation:	Artists paints, colouring of coatings, inks and plastics.
Company supplying the SDS:	KAMA pigments
Address :	7442 St-Hubert Montréal Québec, H2R 2N3
phone :	514 272 2173
email :	info@kamapigments.com

Section: 2 Hazard Identification

Emergency Overview
When exposed to extremely high temperatures for extended periods of time (such as a fire), organic pigments may burn or smolder emitting noxious fumes that can include nitrogen and carbon dioxides or other toxic compounds.

HGS Label Elements

Signal Word

GHS Classification

The product does not require a hazard warning label in accordance with GHS criteria.

Hazard statements

No known significant effects or critical hazards.

Precautionary Statements

Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust.
P281 Use personal protective equipment as required.
P391 Collect spillage.
P403 + 233 Store in a well-ventilated place. Keep container tightly closed.

Section: 3 Composition / Information on Ingredients

INGREDIENT	CAS No	EINECS	WT. %	HAZARDOUS
Pigment red 177	4051-63-2	223-754-4	100	no

Section: 4 First Aid Measures

Necessary Measures:

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact:	Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Symptoms / Effects:

Inhalation:	Inhalation of dusts may irritate the nose, throat and upper respiratory tract. In severe cases, remove to fresh air immediately. Call physician.
Ingestion:	No significant effects.
Skin Contact:	May cause skin irritation if in contact for extended periods of time.
Eye Contact:	The more common hazards are local irritation or abrasion.
Chronic Exposure:	None known
Aggravation of Pre-existing Conditions:	None known

Section: 5 Fire Fighting Measures

Fire:	Not considered to be a fire hazard.
Explosion:	Not considered to be an explosion hazard. Sealed containers may rupture when heated.
Fire Extinguishing Media:	Use any means suitable for extinguishing surrounding fire. Carbon dioxide, dry chemical, water spray or foam are suitable.
Fire Fighting Equipment:	Wear self-contained breathing apparatus and protective suit.

Section: 6 Accidental Release Measures

Ventilate leak or spill area. Wear appropriate personal protective equipment as indicated in section 8.

Spills:	Sweep up and containerize for recovery or disposal. A vacuum cleaner or wet sweeping can be used to prevent dust dispersal. Dispose of in accordance with federal, state and local procedures. Prevent product from entering drains and sewers. Wear protective clothing during cleaning.
Cleaning Methods:	Vacuum with a high-efficiency filter or use a wet cleaning technique to prevent dusting. Collect mechanically and collect in a suitable (properly labeled) container for disposal. Collect waste in appropriate containers, which can be labeled and sealed. Do not wash indiscriminately in the sewers. Wear self-contained breathing apparatus. Wear appropriate protective equipment.

Section: 7 Handling And Storage

Handling:	Observe all warnings and precautions listed for the product. Closed containers should be opened in well ventilated areas. Avoid dust formation. Take precautionary measures against static discharges.
Storage:	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

Section: 8 Exposure Control/Personal Protection

For Nuisance Dust:	
OSHA Threshold Limit Value (TLV):	15 mg/m3 TWA Total Dust 5 mg/m3 Respirable Dust
Ventilation System:	A system of local and/or general ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
Personal Respirators (NIOSH Approved):	Use NIOSH approved respirator as needed to mitigate exposure.
Skin Protection:	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Eye Protection:	Safety glasses with side shields. Maintain eye wash fountain in work area.

Section: 9 Physical and Chemical Properties

Appearance:	red powder
Vapor Density (Air=1):	Not applicable
Odor:	Odorless
Melting Point:	N/A
Solubility:	Insoluble
Vapor Pressure (mm Hg):	Not applicable
Specific Gravity:	1.45
% Volatiles by volume:	Not applicable
pH:	5.5 - 7.5
Evaporation Rate (BuAc = 1):	Not applicable
Boiling Point:	N/A

Section: 10 Stability And Reactivity

Stability:	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:	When involved in a fire, burning organic pigments may evolve noxious gases.
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong reducing agents, combustibles, and organic materials.
Conditions to Avoid:	Incompatibles.

Section: 11 Toxicological Information

Toxicological Data:	This product has reported an acute LD50 value of 5000 mg/kg or greater in rats.
Primary Irritation:	Non-irritating skin and eyes (rabbit)
Reproductive Toxicity:	Not available
Cancer Lists Ingredient	No known carcinogen are present.

Section: 12 Ecological Information

Environmental Fate:	When released into the soil, this material may leach into groundwater. This material may be removed from the atmosphere to a moderate extent by wet deposition. Organic pigments are generally insoluble compounds, and as such are believed to have minimal bioaccumulation and bio-availability characteristics.
Environmental Toxicity:	No information found.

Section: 13 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section: 14 Transport Information

U.S. Department of Transportion (D.O.T.)
International Maritime Dangerous Goods (I.M.O. / I.M.D.G.)
International Air (I.C.A.O. / I.A.T.A.)

Proper Shipping Name:	Not Regulated
UN Number:	none
Class:	none
Packing Group:	none

Section: 15 Regulatory Information

ANTHRAQUINONE RED 177 (4051-63-2)

CANADA

Listed on the Canadian Domestic Substances List (DSL) inventory

UNITED STATES

SARA Section 311/312 hazard classes:	Non-hazardous.
SARA Section 313:	No reporting requirements for this product.

Listed on the United States Toxic Substance Control Act (TSCA) Inventory

Section: 16 Other Information

HMIS Information:	NFPA Information:
Health: 1	Health: 1
Flammability: 1	Flammability: 0
Physical Hazard: 0	Physical Hazard: 0

HMIS and NFPA uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme hazard. Although similar, the two ratings systems are intended for different purposes, and use different criteria.
HMIS system – designed to communicate workplace hazard information to employees who handle hazardous chemicals.
NFPA system – developed to provide and on-the-spot alert to the hazards of a material and their severity, to emergency responders.

REFERENCE	manufacturer's material safety data sheet
PREPARED BY	Kama pigments

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Last revision: 2024-03-06