

# Safety Data Sheet

## Fluorescent pigment Fire Orange

Product Code: PS-FL0070

Department: fluorescent pigments

C.A.S.: trade secret



**KAMA**  
PIGMENTS

### Section: 1 Identification

Name of the substance:	Thermoplastic, formaldehyde-free fluorescent pigment made from recycled materials.
Use of the substance/preparation:	Pigment, Artists paints, colouring of coatings, inks and plastics.
Restrictions on use:	No information available
Company supplying the SDS:	KAMA pigments
Address :	7442 St-hubert montréal Québec, H2R 2N3
phone :	514 272 2173 fax : 514 948 5253
email :	info@kamapigment.com
Emergency telephone number Chemtrec:	+1 703-527-3887 ex-USA Chemtrec: 1-800-424-9300 USA

### Section: 2 Hazard Identification

Unknown Acute Toxicity: <1% of the mixture consists of ingredient(s) of unknown toxicity

#### HGS Label Elements



**Signal Word****GHS Classification**

Serious eye damage/eye irritation, Category 2B

**Hazard Statements**

Causes serious eye irritation

**Precautionary Statements**

Wash face, hands and any exposed skin thoroughly after handling

Wear eye protection/ face protection

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

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

Chemical Name

CAS No.

Weight-%

C.I. Basic Red 1:1

3068-39-1

1 - 5

The exact percentage (concentration) of composition has been withheld as a trade secret.

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**Section: 4 First-Aid Measures**

General advice:

No information available.

Eye contact:

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact:

Immediate medical attention is not required. Wash off with soap and water.

Inhalation:

Immediate medical attention is not required. Move to fresh air.

Ingestion:

Do NOT induce vomiting. Drink plenty of water. Consult a physician.

Most important symptoms and effects, both acute and delayed

Symptoms:

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

Indication of any immediate medical attention and special treatment needed

Notes to physician:

Treat symptomatically.

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**Section: 5 Fire-Fighting Measures**

Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

None.

Special hazards arising from the substance or mixture

Special Hazard:

None known based on information supplied.

Hazardous Combustion Products:

Carbon oxides. Nitrogen oxides (NOx).

Explosion Data

Sensitivity to Mechanical Impact:

None.

Sensitivity to Static Discharge:

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Advice for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## Section: 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

Environmental precautions

Dust deposits should not be allowed to accumulate on surfaces as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., cleaning dusty surfaces with compressed air). Nonsparking tools should be used. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for Containment:

Prevent dust cloud. Cover powder spill with plastic sheet or tarp to minimize spreading.

Methods for cleaning up:

Avoid dust formation. Take precautionary measures against static discharges. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Use personal protective equipment. Take up mechanically and collect in suitable container for disposal. Prevent product from entering drains. Keep in suitable and closed containers for disposal.

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## Section: 7 Handling And Storage

Precautions for safe handling

Advice on safe handling:

Avoid dust formation. Take precautionary measures against static discharges. Fine dust dispersed in air may ignite. Wear personal protective equipment.

Hygiene measures:

When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage Conditions Keep tightly closed in a dry and cool place.

Materials to Avoid:

No materials to be especially mentioned.

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## Section: 8 Exposure Control/Personal Protection

For Nuisance Dust:

OSHA Threshold Limit Value (TLV):

15 mg/m<sup>3</sup> TWA Total Dust

5 mg/m<sup>3</sup> 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.

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## Section: 9 Physical and Chemical Properties

Physical:	state Solid
Appearance:	Powder Color orange
Odor:	Mild
Odor Threshold:	No information available
pH:	Not Applicable
Melting point:	145 °C / 293 °F
Boiling point/boiling range:	Not applicable
Flash Point:	Not applicable
Evaporation rate:	Not applicable
Flammability (solid, gas):	No information available
Flammability Limits in Air	
upper flammability limit:	No information available
lower flammability limit:	No information available
Vapor pressure:	Not Applicable
Vapor density:	Not Applicable
Specific Gravity:	1.2 g/cm <sup>3</sup>
Water solubility:	Insoluble in water
Solubility in other solvents:	No information available
Partition coefficient:	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity, kinematic:	No information available
Viscosity, dynamic:	No information available
Explosive properties:	Fine dust dispersed in air may ignite
Oxidizing Properties:	No information available
Volatile organic compounds (VOC) content:	None

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## 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:	Dust formation. Take precautionary measures against static discharges.

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## Section: 11 Toxicological Information

### Acute toxicity

Numerical measures of toxicity: Product Information

LD50 Oral: > 2,000 mg/kg (rat)  
LC50 (Dust/Mist) : > 5.53 mg/l (4 hours) (rat)

The following values are calculated based on chapter 3.1 of the GHS document

Unknown Acute Toxicity: <1% of the mixture consists of ingredient(s) of unknown toxicity  
Oral LD50: 37 138.00 mg/kg

Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
C.I. Basic Red 1:1 3068-39-1	449 mg/kg (Rat)	2,500 mg/kg (Rat)	0.05 mg/l (4 hour)

### Information on toxicological effects

#### Skin corrosion/irritation

Product Information: May cause irritation  
Component Information: No information available

#### Serious eye damage/eye irritation

Product Information : Irritating to eyes  
Component Information: No information available

#### Respiratory or skin sensitization

Product Information: No information available  
Component Information: No information available

#### Germ cell mutagenicity

Product Information : No information available  
Component Information : No information available

#### Carcinogenicity

Product Information : Contains no ingredient listed as a carcinogen  
Component Information : No information available

#### Reproductive toxicity

Product Information : No information available  
Component Information : No information available

STOT - single exposure : No information available  
STOT - repeated exposure : No known effect

#### Other adverse effects

Product Information : No information available  
Component Information : No information available

#### Aspiration hazard

Product Information : No information available  
Component Information : No information available

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## Section: 12 Ecological Information

Ecotoxicity:	No information available 4.48 % of the mixture consists of components(s) of unknown hazards to the aquatic environment
Persistence and degradability:	Total Biodegradation = 0.78% (based on computer modeling).
Bioaccumulative potential :	Discharge into the environment must be avoided
Mobility in soil :	No information available.
Other adverse effects :	No information available

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## 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.

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## Section: 14 Transport Information

U.S. Department of Transportation (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

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## Section: 15 Regulatory Information

### International Inventories

TSCA:	Complies
DSL:	-
EINECS/ELINCS:	Complies
ENCS:	-
IECSC:	Complies
KECL:	-
PICCS:	-
AICS:	-
NZIoC:	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

### U.S. Federal Regulations

SARA 313 : Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations,

#### Part 372:

Chemical Name	SARA 313 - Threshold Values %	Weight-%
C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	1.0	1 - 5

### California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
C.I. Basic Violet 10 - 81-88-9	Carcinogen

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## Section: 16 Other Information

HMIS III rating:		NFPA Information	
Health:	2	Health:	-
Flammability:	1	Flammability:	-
Physical Hazard:	0	Physical Hazard:	-

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 an 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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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information, refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Kama pigments Sales Office.

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