

# Safety Data Sheets



## Benzimidazolone yellow Py154

Product code: PS-OR0036

Department: organic dry pigments

C.A.S. : 68134-22-5

### Section: 1 Identification

TRADE/PRODUCT NAME: benzimidazolone yellow 180  
SUBSTANCE IDENTIFICATION: pigment yellow 180  
C.I. NUMBER: 21290  
USE OF THE SUBSTANCE: colorant  
CAS NUMBER: 77804-81-0

### 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 Yellow 180	77804-81-0	278-770-4	100	No

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## 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

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## 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.

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## Section: 6 Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate PPE as specified in Section 8.	
Spills:	Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Dispose of in accordance with Federal, State or local procedures.

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## 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.

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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

Appearance:	yellow 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:	6 – 8
Evaporation Rate (BuAc = 1):	Not applicable
Boiling Point:	N/A

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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:	Incompatibles.

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## 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.

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## 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.

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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

## Section: 15 Regulatory Information

### Chemical Inventory Status

Ingredient	USA TSCA	Europe EINICS	Japan MITI	Australia AICS	Korea ECL	China IECSC	Canada DSL	Phillipines PICCS
Pigment Yellow 151	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

### Federal, State & International Regulations

Ingredient	SARA 302	SARA 313	CERCLA	RCRA 261.33	TSCA 8(d)
Pigment Yellow 151	No	No	No	No	No

Chemical Weapons Convention	No	Fire:	No
TSCA 12 (b)	No	Pressure:	No
CDTA:	No	Reactivity:	No
SARA 311/312:			
Acute	No		
Chronic	No		
Australian Hazchem Code:	NA		

OSHA Hazardous Substance:	this material is classified as not hazardous under OSHA regulations.
Clean Air Act: - Hazardous Air Pollutants (HAP):	This product does not contain any Hazardous Air Pollutants (HAP) as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
Clean Air Act – Volatile Organic Compounds (VOC):	This product does not contain and SOCOMI Intermediate or Final Volatile Organic Compounds (VOC), as defined by the U.S. Clean Air Act Section 111 (40 CFR 60.489).
Clean Air Act – Ozone Depleting Substances (DOS):	This product neither contains nor was manufactured with a Class I or Class II ozone depleting substance (DOS), as defined by the U.S. Clean Air Act, Section 602 (40 CFR 82, Subpt. A, App. A + B).
Clean Water Act – Priority Pollutants (PP):	This product does not contain any priority pollutants listed under the U.S. Clean Water Act, Section 307 (2) (1) Priority Pollutant List (40 CFR 401.15).
California Proposition 65:	This product does not contain any components currently on the California list of Known Carcinogens and Reproductive Toxins.
Pennsylvania / New Jersey Right-to-Know:	This product does not contain any component (s) currently on the Pennsylvania or New Jersey Right – to – Know list of hazardous chemicals.
WHMIS:	This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

## 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

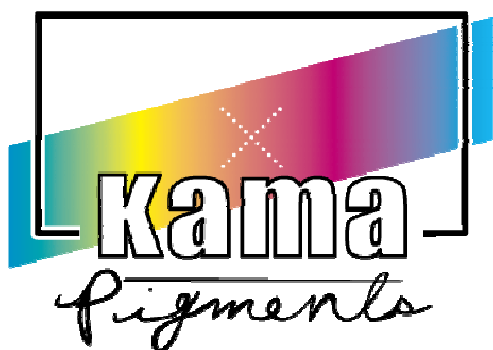
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