

SAFETY DATA SHEET (SDS)



Jacquard Products
 Manufactured by Rupert, Gibbon & Spider, Inc.
 P.O. Box 425 | Healdsburg, CA 95448
 800.442.0455 | Fax: 707.433.4906
 www.jacquardproducts.com

Procion MX Dye - Jet Black - Pg 1

Revision Date: 08/20/2019

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	PROCION MX DYE - JET BLACK	
Product Number/Code:	PMX1150 / PMX2150 / PMX3150	
Recommended Use:	Dye for fabric	
Description:	Synthetic Organic Dyes	
Synonym(s):	Reactive Dyestuff	
Restrictions on use:	None known	
Manufacturer:	Rupert, Gibbon & Spider, Inc. 1147 Healdsburg Ave. Healdsburg, CA 95448 1-800-442-0455 / 707-433-9577	
Emergency Number:	ChemTel, Inc. - Contract #MIS9128344	
	North America: 1-800-255-3924	International: 1-813-248-0585

SECTION 2 - HAZARD(S) IDENTIFICATION

This product is not considered to be or contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, reference 29 CFR 1910.1200.

Toxicological Data on Ingredients:

Hazard Classification		
Physical Hazards:	None	
Health Hazards:	Eye Irritant Skin Irritant Respiratory Sensitizer Skin Sensitizer	Category 2 Category 2 Category 1 Category 1
Environmental Hazards:	None	

Label Elements

Pictogram:		
Signal Words:	DANGER	

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Hazard Statements-EU:	H315 Causes skin irritation. H315+H320 Causes skin and eye irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary Statements-EU:	
Prevention:	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse.
Response:	P302+P352 IF ON SKIN: wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see product label). P332+P313 IF SKIN irritation occurs: Get medical advice/attention. P333+P313 IF SKIN irritation or rash occurs: Get medical advice/attention. P337+P313P IF EYE irritation persists: Get medical advice/attention. P342+P311 IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician. P501 Dispose of contents/container to...

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Product	C.I. Name	Substance name CAS #
Procion MX Dye 150 Jet Black	Reactive Black WNN (C.I. Reactive Black mix)	The exact percentages and the composition of non-hazardous materials have been withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
General information:	Remove contaminated clothing immediately and dispose of safely.
In the event of skin contact:	In case of contact with skin, wash off immediately with soap and plenty of water.
In the event of eye contact:	In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice.
In the event of swallowing:	Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.
In the event of exposure by inhalation:	Remove the casualty into fresh air and keep them calm.

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SECTION 5 - FIREFIGHTING MEASURES

Extinguishing media:	CO2, Dry Powder, Foam, Water Spray Jet
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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods and material for containment and clean up:	Pick up mechanically. Dilute remaining rest with water and pick up with absorbent material (sawdust, sand, universal binder).
Reference to other sections:	For further disposal measures, see section 13.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Keep away from sources of ignition - avoid smoking.
Conditions for safe storage including any incompatibilities:	Do not store with alkalis. Keep container tightly closed in dry place. Storage period: 60 months.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
Exposure controls:	Use local ventilation.
Appropriate engineering controls:	Handle with good industrial practices and industrial hygiene. Wash hands after use. Do not eat, drink or smoke during work time.
Individual protection measures, such as personal protective equipment:	
General protective measures:	Avoid contact with eyes and skin. Keep away from food and drink stuffs. Remove soiled or soaked clothing immediately. Clean skin thoroughly after work; apply skin cream.
Eye/face protection:	Safety glasses
Skin protection:	Wear gloves, overalls, apron or other protective clothing.
Respiratory protection:	Dust mask. Do not inhale dust.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Product:	Procion MX Dye Jet Black 150
Appearance and physical state:	Dust free powder
Color:	Black
Type of Odor:	Odorless
Odor Threshold:	Not available
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	Not available
Melting Point/Freezing Point:	Above 250°C
Flammability Classification:	Non-flammable
Flash Point:	250°C
Auto-ignition Temperature:	> 240°C
Decomposition Temperature:	Not available
Flammability Limits (lower/upper):	Not available
Evaporation rate:	Not available
Vapor Pressure:	Not available
Vapor Density (Air=1):	Not available
Octanol/Water Partition Coefficient (low Pow):	Not available
Specific Gravity:	Not available
Bulk Density:	600 - 800 kg/m ³
Water Solubility:	> 100 g/l
pH:	6-8 (at 10 g/l)
Viscosity:	Not available
Explosive Properties:	Not available
Oxidizing Properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	250
Relative Density:	Not available
UEL:	Not available
LEL:	Not available
% Volatile:	Not available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Reactions with alkalis
Stability:	Not available
Possibility of hazardous reactions:	Not available
Conditions to avoid:	Not available
Incompatible materials:	Alkalis
Thermal decomposition:	> 190°C
Hazardous decomposition products:	Unknown

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SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity (list all possible routes of exposure)	
Acute Oral Toxicity:	LD50 2,000 mg/kg (Oral - Rat)
Acute Dermal Toxicity:	Not available
Skin Corrosion/Irritation:	Slightly irritant
Serious Eye Damage / Eye Irritation:	Slightly irritant
Sensitization:	May cause sensitization by inhalation and skin contact.
Primary Route of Exposure:	
Inhalation:	Not available
Skin absorption:	Not available
Ingestion:	Not available
Skin contact:	Not available
Eye contact:	Not available
Carcinogen (IARC/NTP/OSHA/ACGIH):	Not available
Mutagenicity:	None
Corrosivity:	
Effects of overexposure:	Not available
Signs and symptoms of overexposure:	Not available
Additional information:	Persons with respiratory tract allergies should avoid direct contact with reactive dyes.

SECTION 12 - ECOLOGICAL INFORMATION

Biodegradability:	10-25% (static method)
Fish Toxicity:	10-100 mg/l (48 hours)

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.
Container Disposal:	Packing that cannot be cleaned should be disposed of as product waste.

SECTION 14 - TRANSPORT INFORMATION

Road transport (RID/ADR):	Non-hazardous goods
Inland waterways transport (ADNR):	Non-hazardous goods
Marine transport (IMDG-Code):	Non-hazardous goods
Air transport (ICAO/IATA):	Non-hazardous goods
Further information:	Not classified as hazardous under transport conditions. Protect against moisture. Store/load separately from food.

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SECTION 15 - REGULATORY INFORMATION

US Regulations:	
TSCA:	The components of this product are not listed on the TSCA Inventory.
SARA 313:	
SARA 312:	
Immediate (acute) health hazard:	Yes
Delayed (chronic) health hazard:	Yes
Fire hazard:	No
Sudden Release of Pressure:	No
Reactivity:	No
California Proposition 65:	Used as directed, this product will NOT expose you to chemicals known to cause cancer.

SECTION 16 - OTHER INFORMATION

HMIS Hazard ID:	
Health:	2
Flammability:	I
Physical hazard:	I
Personal Protection:	E - Safety glasses, gloves, dust respirator
Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect	

Disclaimer:

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

Revision Date: 08/20/2019

National Chemical Inventories:	
All components of this product are listed on the following chemical substance inventories: TSCA (USA)	
DSL	(Canada)
EINECS	(Europe)
ENCS	(Japan) ECL
	(Korea)
AICS	(Australia) NZIoC
	(New Zealand)
PICCS	(Philippines)
IECSC	(China)

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Abbreviations:	
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	International carriage of Dangerous goods by Road
AICS	Australian Inventory of Chemical Substances
ATE	Acute Toxicity Estimate
BfR	Bundesinstitut für Risikobewertung recommendations for food contact materials
BCF	Bioconcentration Factor
BOD5	5-day Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Classification, Labeling and Packaging regulation
COD	Chemical Oxygen Demand DOT Department of Transportation DSL Domestic Substances List
EINECS	European Inventory of Existing Chemical Substances
ECL	Existing Chemicals List (Korea)
ENCS	Existing and New Chemical Substances Inventory (Japan)
EN 689	Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.
ERG	Emergency Response Guide
GHS	Globally Harmonized System
HMIS	Hazardous Materials Information System IARC International Agency for Research on Cancer IATA International Air Transport Association
ICAO	International Civil Aviation Organization IDLH Immediately Dangerous to Life and Health IMDG International Maritime Dangerous Goods
LD50	Lethal Dose to 50% of test animal population
MAK	Maximale Arbeitsplatz Konzentration
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety & Health Administration
PBT	Persistent, Bioaccumulative and Toxic vPvB Very Persistent and Very Bioaccumulative PEL Permissible exposure limit
PICCS	Philippine Inventory of Commercial Chemical Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemical Substances
RID	International carriage of dangerous goods by Rail SARA Superfund Amendments and Reauthorization Act STEL Short Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volatile Organic Compound
WGK	Wassergefährdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System