

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 - Lemon Yellow - Pg 1

Revision Date: 09/26/2018

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	PROCION MX DYE - LEMONYELLOW	
Product Number/Code:	PMX1-PMX3 004	
Recommended Use:	Dye for fabric Dyes of this type can cause respiratory restrictions/sensitization in some individuals and it is advisable to avoid breathing aerosol and dust. Persons who suffer from asthmatic or breathing problems should not handle these dyes. Recipients of our product must take responsibility for observing existing laws and regulations.	
Description:	Synthetic Organic Dyes	
Synonym(s):	Proprietary Reactive Yellow	
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:	No information available	
Health Hazards:	Eye Irritant	Category 2A
	Skin Sensitizer	Category 1
	Oral Toxicity	Category 5
Environmental Hazards:	No information available	

Label Elements

Pictogram:		
Signal Words:	Warning	
Hazard Statements-EU:	H303 May be harmful if swallowed. H317 May cause an allergic skin reaction. H319 Causes eye irritation.	

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Precautionary Statements-EU:	
Prevention:	P260 Do not breath dust/fume/gas/mist/vapors/spray. P264 Wash face, hands and any exposed skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response:	P305+P351+P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P302+ P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes. P332+P313 If skin irritation occurs: Get medical advice/attention. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Product	C.I. Name	CAS #
Procion MX Dye 004 Lemon Yellow	Proprietary Reactive Yellow	<i>The exact ingredient percentages and composition of non-hazardous components have been withheld as a trade secret.</i>
<i>NOTE: Irritant; possible skin sensitizer. May be harmful if swallowed.</i>		

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
General information:	Immediately remove all contaminated clothing.
In the event of skin contact:	Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.
In the event of eye contact:	Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remains. Get medical attention immediately. Do not wear contact lenses while handling.
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:	If inhaled, move to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.
Most important symptoms and effects, both acute and delayed:	The most significant symptoms and effects are described in the labeling (see section 2) and/or in section 11.
Indication of any symptoms and effects, both acute and delayed:	No data available.

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SECTION 5 - FIREFIGHTING MEASURES

Flash point:	Not applicable.
Extinguishing media:	CO ₂ , Dry Chemical Foam, Water
Special fire fighting procedures/unusual fire or explosion hazards:	Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas and ventilate closed spaces before entering.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

In case material is released/spilled:	Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers.
Reference to other sections:	For further disposal measures, see section 13.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	In accord with good industrial practice, handle with care and avoid personal contact.
Conditions for safe storage including any incompatibilities:	Keep container protected from direct sunlight in a dry, cool and well-ventilated area. Keep the container tightly sealed and away from any incompatible materials (see section 10).

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
General protective measures:	Avoid contact with eyes and skin. Immediately remove all contaminated clothing.
Occupational exposure limits:	Use local ventilation.
Exposure controls:	
Appropriate engineering controls:	Handle with good industrial practices and industrial hygiene. Wash hands after use.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Employees should wear protective eye goggles with side protection shield.
Skin protection:	Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves, e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking, and shower thoroughly before leaving work. Keep away from food and drink stuffs.
Respiratory protection:	Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
Other protection:	Wear overalls, apron or other protective clothing.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Product:	Procion MX Dye 004 Lemon Yellow
C.I. Name:	Proprietary Reactive Yellow
Chemical family:	Reactive Dyes
Appearance and physical state:	Powder
Color:	Yellow
Type of Odor:	None
Odor Threshold:	N/A
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	N/A
Melting Point/Freezing Point:	N/A
Flammability Classification:	N/A
Flash Point:	N/A
Auto-ignition Temperature:	> 240°C
Decomposition Temperature:	N/D
Flammability Limits (lower/upper):	N/A
Evaporation rate:	N/A
Vapor Pressure:	N/A
Vapor Density (Air=1):	N/A
Octanol/Water Partition Coefficient (low Pow):	N/D
Specific Gravity:	N/A
Bulk Density:	500-800 kg/m ³
Water Solubility:	> 100 g/l at 90°C
pH:	6.5-7.0
Viscosity:	N/A
Explosive Properties:	N/A
Oxidizing Properties:	N/A
Molecular Formula:	N/A
Molecular Weight:	N/A
Relative Density:	N/A
LEL:	N/A
% Volatile:	0.00%

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Will not occur
Stability:	Stable
Possibility of hazardous reactions:	None expected
Conditions to avoid:	Avoid dusting conditions and sparks/flare.
Incompatible materials:	None
Thermal decomposition:	No thermal decomposition when stored and handled correctly.
Hazardous decomposition products:	CO ₂ , sulfur oxides, nitrogen oxides

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SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:		
Acute toxicity (list all possible routes of exposure)		
Oral Toxicity (animal):	LD50 (Ingestion): >4,000 mg/l (rats)	
Oral Toxicity (fish):	LC50 >100 mg/l (96 hour, Oncorhynchus mykiss)	
Eye effects:	Irritant (rabbit eye)	
Skin effects:	Non-irritant (rabbit)	
Sensitization:	May cause sensitization by skin contact.	
Primary route of exposure:	Inhalation:	Yes
	Skin contact:	Yes
	Skin absorption:	No
	Eye contact:	Yes
	Ingestion:	No
Carcinogen status	IARC:	No
	NTP:	No
	OSHA:	No
Chronic effects of overexposure:	None known	
Signs and symptoms of overexposure:	Eye irritant. May cause skin and respiratory tract irritation. Reactive dyes may cause sensitization in some people.	
Medical conditions aggravated:	Persons with any pre-existing skin or eye conditions may be more susceptible to the effects of this product.	

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	
Biodegradability:	< 10%
Bacteria Toxicity:	> 10 ml/l (3 hour activated sludge)
AOX:	8.1%
COD:	N/D

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	If utilization of recycling of product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.
Container Disposal:	Soiled, empty containers are to be treated in the same way as the contents.

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SECTION 14 - TRANSPORT INFORMATION

UN Number:	Not Regulated
UN proper shipping name:	Non-hazardous Ink Material Frt. Class Package 55
Transport hazard class(es) (DOT, IATA (C, P), IMDG):	Not Regulated

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:		
US Regulations:		
TSCA:	The components of this product are listed on the TSCA Inventory.	
SARA 313:	This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.	
SARA 312:	Immediate (acute) health hazard:	Yes
	Delayed (chronic) health hazard:	Yes
	Fire hazard:	No
	Sudden Release of Pressure:	No
	Reactivity:	No
Other regulations:	This product is not subject to the German Ordinance than bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.	

SECTION 16 - OTHER INFORMATION

HMIS Hazard ID:	
Health:	2
Flammability:	1
Physical hazard:	0
Personal Protection:	E
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.

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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