

01302-2032

## 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: 12/05/2022

## SECTION 1 - CHEMICAL, PRODUCT &amp; COMPANY INFORMATION

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

## 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<br>Skin Irritant<br>Respiratory Sensitizer<br>Skin Sensitizer | Category 2<br>Category 2<br>Category 1<br>Category 1 |
| Environmental Hazards: | None   |  |

**Label Elements**

|               |        |  |
|---------------|--------|--|
| Pictogram:    |        |  |
| Signal Words: | DANGER |  |

## SAFETY DATA SHEET (SDS)

Procion MX Dye - Jet Black - Pg 2

Rupert, Gibbon &amp; Spider, Inc. | P.O. Box 425 | Healdsburg, CA 95448 | 800.442.0455 | Fax: 707.433.4906 | www.jacquardproducts.com

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

## SAFETY DATA SHEET (SDS)

Procion MX Dye - Jet Black - Pg 3

Rupert, Gibbon &amp; Spider, Inc. | P.O. Box 425 | Healdsburg, CA 95448 | 800.442.0455 | Fax: 707.433.4906 | www.jacquardproducts.com

## SECTION 5 - FIREFIGHTING MEASURES

|                      |  |
|----------------------|--|
| Extinguishing media: | CO2, Dry Powder, Foam, Water Spray Jet |
|----------------------|--|

## 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

|   |   |
|---|---|
| <b>Control parameters:</b>  |   |
| 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.  |
| <b>Individual protection measures, such as personal protective equipment:</b> |   |
| 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.  |

## SAFETY DATA SHEET (SDS)

Procion MX Dye - Jet Black - Pg 4

Rupert, Gibbon &amp; Spider, Inc. | P.O. Box 425 | Healdsburg, CA 95448 | 800.442.0455 | Fax: 707.433.4906 | www.jacquardproducts.com

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| <b>General information:</b>                                    |                              |
|--|------------------------------|
| Product:   | Procion MX Dye Jet Black 150 |
| Appearance and physical state:                                 | Dust free powder             |
| Color:   | Black                        |
| Type of Odor:  | Odorless                     |
| Odor Threshold:  | Not available                |
| <b>Important health, safety and environmental information:</b> |                              |
| 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 <sup>3</sup>  |
| 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                |

## SAFETY DATA SHEET (SDS)

Procion MX Dye - Jet Black - Pg 5

Rupert, Gibbon &amp; Spider, Inc. | P.O. Box 425 | Healdsburg, CA 95448 | 800.442.0455 | Fax: 707.433.4906 | www.jacquardproducts.com

## SECTION 11 - TOXICOLOGICAL INFORMATION

|   |  |
|---|--|
| <b>Information on toxicological effects:</b>          |  |
| 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.                                  |
| <b>Primary Route of Exposure:</b>                     |  |
| 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

|                                 |  |
|---------------------------------|--|
| <b>Waste treatment methods:</b> |  |
| 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. |

## SAFETY DATA SHEET (SDS)

Procion MX Dye - Jet Black - Pg 6

Rupert, Gibbon &amp; Spider, Inc. | P.O. Box 425 | Healdsburg, CA 95448 | 800.442.0455 | Fax: 707.433.4906 | www.jacquardproducts.com

## SECTION 15 - REGULATORY INFORMATION

| <b>US Regulations:</b>           |  |
|----------------------------------|--|
| 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

| <b>HMIS Hazard ID:</b>  |   |
|---|---|
| Health:   | 2   |
| Flammability:   | 1   |
| Physical hazard:  | 1   |
| 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: 12/05/2022**

| <b>National Chemical Inventories:</b>   |                   |
|---|-------------------|
| 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)           |

## SAFETY DATA SHEET (SDS)

Procion MX Dye - Jet Black - Pg 7

Rupert, Gibbon &amp; Spider, Inc. | P.O. Box 425 | Healdsburg, CA 95448 | 800.442.0455 | Fax: 707.433.4906 | www.jacquardproducts.com

| <b>Abbreviations:</b> |   |
|-----------------------|---|
| 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<br>Department of Transportation DSL<br>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<br>International Agency for Research on Cancer IATA<br>International Air Transport Association                  |
| ICAO                  | International Civil Aviation Organization IDLH<br>Immediately Dangerous to Life and Health IMDG<br>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<br>Superfund Amendments and Reauthorization Act STEL Short Term<br>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<br>Workplace Hazardous Material Identification System  |