

01302-3042

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 - Magenta - Pg 1

Revision Date: 09/26/2018

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

| | | |
|----------------------|---|---|
| Product Name: | PROCION MX DYE - MAGENTA | |
| Product Number/Code: | PMX1-PMX3 034 | |
| 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): | Reactive Red 2 | |
| 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: | Skin corrosion/irritation Serious eye damage/eye irritation | Category 2 Category 2 |
| Health Hazards: | No information available | |
| Environmental Hazards: | No information available | |
| Label Elements | | |
| Pictogram: |  | |
| Signal Words: | Warning | |
| Hazard Statements-EU: | H315 Causes skin irritation H319 Causes serious eye irritation | |

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| Precautionary Statements-EU: | |
|-------------------------------------|---|
| Prevention: | P362 Take off contaminated clothing and wash before reuse P264 Wash face, hands and any exposed skin thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection |
| Response: | P310 Immediately call a POISON CENTER or doctor/physician P302+ P352 IF ON SKIN: Wash with plenty of soap and water P321 Specific treatment (see supplemental first aid instructions on this label) P332+P313 If skin irritation occurs: Get medical advice/attention P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention |
| Hazard(s) not otherwise classified: | Unknown Acute Toxicity - 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity. |

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Product | C.I. Name | CAS # |
|--|------------------|---|
| Procion MX Dye 034 Magenta | Reactive Red 2 | <i>The exact ingredient percentages and composition of non-hazardous components have been withheld as a trade secret.</i> |
| <i>NOTE: Causes serious eye irritation. May cause an allergic skin reaction.</i> | | |

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: | Clean mouth with water and drink plenty of water afterwards. |
| In the event of exposure by inhalation: | Remove the casualty into fresh air and keep him calm. |

SECTION 5 - FIREFIGHTING MEASURES

| | |
|--|--|
| Extinguishing media: | Water spray jet, Foam, Carbon dioxide, Dry powder. |
| Special hazards arising from the substance or mixture: | High temperature may liberate toxic gases when mixed with and exposed to an ignition source, dust may burn in the open or explode if confined. |
| Explosion data - sensitivity to mechanical impact: | None |
| Explosion data - 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 fire fighters: | 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: | Avoid contact with the skin and the eyes. User personal protective equipment. For personal protection, see section 8. Ensure adequate ventilation. |
| Methods and material for containment and clean up: | Prevent further leakage or spillage if safe to do so. Pick up mechanically, dilute remaining rest with water & pick up with absorbent material (sawdust, sand, universal binder). Avoid dust formation. When picked up, treat material as prescribed under heading "Disposal." Clean contaminated surface thoroughly. |
| Environmental procedures: | Prevent further leakage or spillage if safe to do so. |
| Reference to other sections: | For personal protection, see section 8. |

SECTION 7 - HANDLING AND STORAGE

| | |
|--|---|
| Precautions for safe handling: | Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke with using this product. Use personal protection recommended in Section 8. Avoid all unnecessary exposure. |
| Advice on protection against fire and explosion: | Keep away from sources of ignition – avoid smoking. |
| Conditions for safe storage including any incompatibilities: | Keep away from heat. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. |
| Incompatible products: | None known based on information supplied. |

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

| Control parameters: | |
|---|---|
| Occupational exposure limits: | This product, as supplied, does NOT contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
| Exposure controls: | Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems. |
| Appropriate engineering controls: | Showers, eyewash stations, ventilation systems. |
| Individual protection measures, such as personal protective equipment: | |
| Eye/face protection: | Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection. |
| Skin protection: | Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. |
| Hygiene measures: | Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product and apply skin cream. Wear personal protective equipment. |
| Respiratory protection: | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Do not inhale dust. Provide suitable ventilation |

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| General information: | |
|--|----------------------------|
| Product: | Procion MX Dye 034 Magenta |
| C.I. Name: | Reactive Red 2 |
| CAS No.: | 17804-49-8 |
| Chemical family: | Reactive Dyes |
| Appearance and physical state: | Powder |
| Color: | Dark Red |
| Type of Odor: | Odorless |
| Odor Threshold: | Not applicable |
| Important health, safety and environmental information: | |
| Initial Boiling Point and Boiling Range: | No data available |
| Melting Point/Freezing Point: | N/A |
| Flammability Classification: | Non Flammable |
| Flash Point: | Not applicable |
| Auto-ignition Temperature: | No data available |
| Decomposition Temperature: | N/A |
| Flammability Limits (lower/upper): | N/A |
| Evaporation rate: | No data available |
| Vapor Pressure: | Not applicable |
| Vapor Density (Air=1): | N/A |
| Octanol/Water Partition Coefficient (low Pow): | No data available |
| Specific Gravity: | N/A |
| Bulk Density: | N/A |
| Water Solubility: | > 100 g/l (25°C) |
| pH: | (4.5 – 6.5) |
| Viscosity: | No data available |
| Explosive Properties: | N/A |
| Oxidizing Properties: | N/A |
| Molecular Formula: | N/A |
| Molecular Weight: | N/A |
| Relative Density: | 600-800 kg/m ³ |

SECTION 10 - STABILITY AND REACTIVITY

| | |
|--------------------------------------|---|
| Reactivity: | No data available |
| Stability: | Stable under recommended storage conditions. |
| Possibility of hazardous reactions: | Stable under recommended storage conditions. |
| Conditions to avoid: | Strong reducing agents, Oxidizing agent. |
| Incompatible materials: | None known based on information supplied. |
| Thermal decomposition: | No data available |
| Hazardous decomposition products: | On exposure to high temperature, may decompose, releasing toxic vapors. |
| Hazardous Polymerization: | Will not undergo polymerization. |

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SECTION 11 - TOXICOLOGICAL INFORMATION

| Information on toxicological effects: | |
|---|---|
| Acute toxicity (list all possible routes of exposure) | |
| Product information: | Product does NOT present an acute toxicity hazard based on known or supplied information. |
| Unknown Acute Toxicity: | 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity. |
| Acute Oral Toxicity: | Not an expected route of exposure. Do NOT taste or swallow. |
| Acute Inhalation Toxicity: | Avoid breathing vapors or mists. |
| Skin Corrosion/Irritation: | Corrosivity: None. Avoid contact with skin. Slight irritant. |
| Serious Eye Damage / Eye Irritation: | Avoid contact with eyes. Slight irritant. |
| Germ Cell Mutagenicity: | No mutagenic effects reported. |
| Carcinogenicity: | No information available. |
| Reproductive Toxicity: | No information available. |
| Specific Target Organ Toxicity - single exposure (STOT-se): | No information available. |
| Specific Target Organ Toxicity - repeated exposure (STOT-re): | No information available. |
| Aspiration Hazard: | No information available. |
| Additional Data: | Persons with respiratory tract allergies should avoid direct contact with reactive dyes. |

SECTION 12 - ECOLOGICAL INFORMATION

| Toxicity: | |
|------------------------|-----------------------------------|
| Tested: | L. ides LC 50 (mg/l) : 1000 – 48h |
| WGK class (Germany): | No data available |
| Biodegradation (%): | No data available |
| AOX: | 0 |
| Other adverse effects: | No information available |

SECTION 13 - DISPOSAL CONSIDERATIONS

| Waste treatment methods: | |
|---------------------------------|---|
| Disposal: | Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261). |
| Container Disposal: | Do not re-use empty containers. Dispose of in accordance with local regulation |

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SECTION 14 - TRANSPORT INFORMATION

| | |
|--|---|
| UN Number (DOT,ADN, IMDG, IATA): | Not Regulated |
| UN proper shipping name (DOT,ADN, IMDG, IATA): | Not Regulated |
| Transport hazard class(es) (DOT,ADR,ADN, IMDG, IATA): | Not Regulated |
| Packing group (DOT, IMDG, IATA): | Not Regulated |
| Marine Pollutant: | No |
| Special precautions for user: | Not applicable |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code UN "Model Regulation": | Not applicable |
| Further information: | Not classified as hazardous under transport conditions. Protect against moisture, store / load separately from food. |

SECTION 15 - REGULATORY INFORMATION

| | |
|--|--|
| Safety, health and environmental regulations/legislation specific for the substance or mixture: | |
| General information: | Regulations of the European union (Labeling) / National legislation/Regulations. The product does not require a hazard warning label in accordance with EC Directives. |
| International Inventories: | |
| TSCA: | Listed |
| EINECS/ELINCS: | Not Determined |
| DSL: | Not Determined |
| NDSL: | Not Determined |
| PICCS: | Not Determined |
| ENCS: | Not Determined |
| IECSC: | Not Determined |
| AICS: | Not Determined |
| KECL: | Not Determined |
| NZIoC: | Not Determined |
| Restrictions - Reach Title VIII: | No information available |
| <i>Please reference last page of this SDS document for abbreviations legend.</i> | |
| US Federal Regulations: | |
| SARA 313 - Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) | This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. |
| SARA 311/312 Hazard Categories: | |
| Acute health hazard: | No |
| Chronic health hazard: | No |
| Fire hazard: | No |
| Sudden release of pressure hazard: | No |
| Reactive hazard: | No |
| Clean Water Act | This product does NOT contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) |

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SECTION 15 - REGULATORY INFORMATION

| | |
|------------------------------------|---|
| CERCLA | This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material. |
| US State Regulations: | |
| California Proposition 65: | This product does NOT contain any Proposition 65 chemicals. |
| US State Right-to-Know Reulations: | no information available |
| International Regulations: | |
| Canada | |
| WHMIS Note: | This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. |
| WHMIS Hazard Class: | Not Contolled |

SECTION 16 - OTHER INFORMATION

| | |
|---|---|
| HMIS Hazard ID: | |
| Health: | I |
| Flammability: | I |
| Physical hazard: | 0 |
| Personal Protection: | F |
| 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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| | |
|---|-------------------|
| 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 |