



SDS

SAFETY DATA SHEET

RUPERT, GIBBON & SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

Date: 1/17/18

1. Substance/preparation and company identification

Product : Procion MX Dye - Turquoise
Product number(s) : PMX1-PMX3 068
C. I. Name : Reactive Blue 140
Identification of the product : Synthetic Organic Dyes
Recommended use : Dye for fabric

Company: Rupert, Gibbon & Spider, Inc., 1147 Healdsburg Avenue, Healdsburg, CA 95448
Tel: 800-442-0455 service@jacquardproducts.com

Emergency Contact Number: CHEMTREC (24HR Emergency Telephone), call 1-800-424-9300
International CHEMTREC, call 1-707-527-3887.
For non-emergency assistance, call: 1-800-442-0455

2. Hazard identification

Classification:

Skin corrosion/irritation-----Category 2

Serious eye damage /eye irritation-----Category 2

EMERGENCY OVERVIEW

signal word

WARNING

Hazard statements-EU:

H315 – Causes skin irritation

H319 - Causes serious eye irritation



Precautionary statements-EU:

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

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

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



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Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity - 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on ingredients

Product : Procion MX Dye 068 Turquoise
C. I. Name : Reactive Blue 140
Substance name C.A.S. No. : 71872-74-7

4. First-aid measures

General information : Remove contaminated clothing immediately and dispose of safely.
After inhalation : Remove the casualty into fresh air and keep him calm.
After contact with skin : In case of contact with skin wash off immediately with soap and plenty of water
After contact with eyes : In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
After ingestion : Clean mouth with water and drink plenty of water afterwards.

5. Fire-fighting measures

Suitable extinguishing media : Water, spray jet, Foam, Carbon dioxide, Dry powder

Specific Hazards Arising from the chemical: 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

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.

Protective Equipment and Precautions for Firefighters : As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with the skin and the eyes. User personal protective equipment. For personal protection, see section 8. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Mentholds and material for containment and cleaning 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.

7. Handling and storage

Advice on 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.



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Advice on protection against fire and explosion: Keep away from sources of ignition – avoid smoking

Storage: 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.



8. Exposure controls and personal protection

Control Parameters

Exposure Guidelines: This product, as supplied, does NOT contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Exposure Controls

Engineering Measures: Showers
Eyewash stations
Ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or 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 and Body 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.

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

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.

9. Physical and chemical properties

Product	: Procion MX Dye 068 Turquoise
C. I. Name	: Reactive Blue 140
CAS No.	: 71872-74-7
Chemical family	: Reactive Dyes
Appearance	: Dark Blue powder
Odor	: Odorless
Molecular Weight	: 250
Solubility in water (20°C):	: > 100 g/l
Ph value (20°C)	: 6 – 8 (at 10 g/l)
Bulk density	: 600 to 800 kgs.
Self ignition temp	: > 240 °C
Boiling point (0C)	: Not applicable
Melting point (0C)	: Above 250
Flash Point (0C)	: 250°C
Flammability	: Non Flammable
Vapor Pressure	: Not applicable
Relative Density	:No data available
Evaporation Rate	:No data available
Partition coefficient	
n-octanol/water	:No data available
Auto-ignition temperature:	No data available
Viscosity	:No data available

**10. Stability and reactivity**

Reactivity	:	No data available
Chemical Stability	:	Stable under recommended storage conditions
Hazardous reactions	:	Reaction with alkalis
Conditions to avoid	:	Extremes of temperature and direct sunlight
Incompatible materials	:	None known based on information supplied
Thermal decomposition	:	> 190° C
Hazardous decomposition products	:	May emit toxic fumes under fire conditions

11. Toxicological informationInformation on Likely Routes of Exposure

Product Information	:	Product dot NOT present an acute toxicity hazard based on known or supplied information
Skin contact	:	Avoid contact with skin. Slight irritant.
Eye contact	:	Avoid contact with eyes. Slight irritant.
Inhalation	:	Avoid breathing vapors or mists.
Ingestion	:	Not an expected route of exposure. Do NOT taste or swallow.

Information on Toxicological Effects

Symptoms	:	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	:	May cause sensitization by inhalation and skin contact.
Mutagenic effects	:	No mutagenic effects reported.
Carcinogenicity	:	No information available.
Reproductive Toxicity	:	No information available.
Specific target organ systemic toxicity (single exposure)	:	No information available.
Specific target organ systemic toxicity (repeated exposure)	:	No information available.
Aspiration Hazard	:	No information available.
Corrosivity	:	None.

Numerical Measures of Toxicity – Product Information

Unknown Acute Toxicity	:	100 percent of the mixture consists of ingredient(s) of unknown acute toxicity
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Further information

Persons with respiratory tract allergies should avoid direct contact with reactive dyes.

**12. Ecological information Persistence and degradability**

Biodegradability : 10 to 25% (static method)
Fish toxicity (LC₅₀) : 10 to 100 mg/l (48 hours)
Other adverse Effects : No information available

13. Disposal considerationsWaste treatment**Waste Disposal Methods**

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).

Contaminated Packaging

Do not re-use empty containers. Dispose of in accordance with local regulation

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 Class Not Regulated

Packing group
DOT, IMDG, IATA Not Regulated

Environmental hazards
Marine pollutant: No

Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
UN "Model Regulation": -

Further information : Not classified as hazardous under transport conditions.
Protect against moisture, store / load separately from food.

15. Regulatory 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



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NDSL	Not Determined
PICCS	Not Determined
ENCS	Not Determined
IECSC	Not Determined
AICS	Not Determined
KECL	Not Determined
NZIoC	Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

REACH registration number Keystone has taken all relative steps to ensure REACH-Compliance.
Please contact us with any REACH-Related questions at
REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII- No information available

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)

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.



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U.S. State Right-to-Know Regulations

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

Non-controlled

HMIS

Health Hazard 1

flammability 1

Physical hazard 0

PERSONAL PROTECTION F

16. Other information

Revision Date 1/17/2018
Revision note No information available.
Contact Information Website www.jacquardproducts.com

Recommended uses: 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.

This information is based on our present state of knowledge. It should not therefore be considered as guarantee. Specific properties of the products are described according to their suitability for a particular application.

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Disclaimer: This brief provides a general overview of the safety data sheet requirements in the Hazard Communication Standard (see 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200). It does not alter or determine compliance responsibilities in the standard or the Occupational Safety and Health Act of 1970. Since interpretations and enforcement policy may change over time, the reader should consult current OSHA interpretations and decisions by the Occupational Safety and Health Review Commission and the courts for additional guidance on OSHA compliance requirements. Please note that states with OSHA-approved state plans may have additional requirements for chemical safety data sheets, outside of those outlined above. For more information on those standards, please visit: <http://www.osha.gov/dcsp/osp/statestandards.html>.