



Rupert, Gibbon & Spider, Inc.
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01302-5562

Safety Data Sheet (SDS)

Revised Date : 5/12/23
 Product : Procion MX Dye 199 Ice Blue
 C. I. Name : NA
 Identification of the product : Synthetic Organic Dyes

1. Substance/preparation and company identification

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2. Composition/information on ingredients

Proprietary Reactive Red: Eye and skin irritant. Harmful to aquatic life with long lasting effects
 Proprietary Blue: Irritant

The exact ingredient percentages and composition of non-hazardous components have been withheld as a trade secret.

3. Hazard identification

GHS Classification:
 Health Category 2B- Eye Irritant
 Health Category 3-Skin Irritant
 Health Category 5-Oral Toxicity
 Environmental Category 3- Chronic Aquatic Toxicity



Pictogram:

Signal Word: Warning

Hazard Statements:
 H316: Causes Mild Skin Irritation
 H320: Causes Eye Irritation
 H412: Harmful to Aquatic Life with Long-Lasting Effects
 H303: May be Harmful if Swallowed

4. First-aid measures

General information : Remove contaminated clothing immediately and dispose off 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.

5. Fire-fighting measures

FLASH POINT Not Applicable
 EXTINGUISHING MEDIA Dry Chemical Foam Water Fog . (Do not use CO2)
 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.
 ADDITIONAL INFORMATION Avoid dusting conditions. May form explosive dust mixtures with air.



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6. Accidental release measures

Methods for cleaning up / taking up
 Pick up mechanically, dilute remaining rest with water & pick up with absorbent material
 (sawdust, sand, universal
 binder)
 When picked up, treat material as prescribed under heading " Disposal ".

7. Handling and storage

Handling : Advice on protection against fire and explosion keep away from sources of ignition – avoid smoking
 Storage : Advice on storage compatibility. Do not store with Alkalis
 Further information on storage conditions
 Storage period : Keep container tightly closed in dry place

8. Exposure controls and personal protection

- General protective measures
- Avoid contact with eyes and skin
- Do not inhale dust
- Hygiene measures
- Keep away from foodstuffs and beverages
- Do not eat, drink or smoke during work time
- Remove soiled or soaked clothing immediately
- Clean skin thoroughly after work : apply skin cream
- During use, provide suitable ventilation
- Personal protective equipment :
- Respiratory protection : Dust mask
- Hand protection : Gloves
- Eye protection : safety glasses

9. Physical and chemical properties

Product : Procion MX Dye 199 Ice Blue
 C. I. Name : NA
 CAS No. : NA
 Chemical family : Reactive Dyes
 Appearance : Ranges from Yellow to Dark Brown 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

10. Stability and reactivity

Thermal decomposition : > 190 °C
 Hazardous reactions : Reaction with alkalis
 Hazardous decomposition products : Unknown

11. Toxicological information



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ANIMAL TOXICITY ORAL - LD50 (INGESTION) ND
 FISH, LC50 ND
 EYE EFFECTS SLIGHT
 SKIN EFFECTS SLIGHT
 SENSITIZATION ND

12. Ecological information Persistence and degradability

BIODEGRADABILITY: ND
 BACTERIA TOXICITY EC50 : ND
 COD : ND
 AOX: > 5.0 %

13. Disposal considerations

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.

Un cleaned packing : Packing that cannot be cleaned should be disposed of as product waste

14. Transport information

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 No
 Delayed (chronic) health hazard No
 Fire hazard No
 Sudden Release of Pressure No
 Reactivity No

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

CALIFORNIA PROPOSITION 65: This product contains components currently on the California List of Known Carcinogens and reproductive Toxins
 Formaldehyde (50-00-0) 94 ppm

16. Other information

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.

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.

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 material 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.