



Rupert, Gibbon & Spider, Inc.  
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01302-4592

## Safety Data Sheet (SDS)

Revised Date : 12/05/2022  
Product : Procion MX Dye 020 Brilliant Orange  
C. I. Name : NA  
Identification of the product : Synthetic Organic Dyes

### 1. Substance/preparation and company identification

Company: Rupert, Gibbon, & Spider, Inc. 1147 Healdsburg Avenue Healdsburg, CA 95448  
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### 2. Composition/information on ingredients

Substance name C.A.S.no. : NA

### 3. Hazard identification Symptoms relating to use

Inhalation : May cause sensitization by inhalation.  
Skin contact : Not expected to present a significant skin  
Hazard under anticipated conditions of normal use.  
Eye contact : Not expected to present significant eye contact  
Hazard under anticipated conditions of normal use  
Ingestion : Not expected to present a significant ingestion  
Hazard under anticipated conditions of normal use

### 4. First-aid measures

Inhalation : Remove to fresh air  
Skin contact : Remove affected clothing and wash all exposed skin area  
with mild soap and water, followed by warm water and rinse.  
Eye contact : After contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Ingestion : Treat symptomatically

### 5. Fire-fighting measures

Extinguishing media : Water, spray, dry chemical, CO2, foam  
Special Exposure Hazards : 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.  
Protection against Fire : Wear proper protective equipment

### 6. Accidental release measures

Personal precautions : Wear suitable protective clothing and gloves. Avoid dust formation.  
Environmental precautions : Comply with local regulations for disposal notify authorities if product enters sewers  
or public waters. Avoid (reject) fire fighting water to enter environment.

### 7. Handling and storage

Storage : Keep away from heat, keep container tightly closed when not in use.  
Handling : Handle in accordance with good industrial Hygiene and safety procedures.  
Avoid all unnecessary exposure.



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## 8. Exposure controls and personal protection

Respiratory protection : Approved dust or mist respirator should be used if airborne particulate is generated when handling this material  
 Skin protection : Gloves  
 Eye Protection : Safety glasses with side-shields (frame goggles)  
 Ignition : When using, do not eat, drink or smoke  
 Industrial hygiene : Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapor or dust moisture.

Due to the coloring properties of the product closed work clothes should be used, to avoid stains during manipulation

## 9. Physical and chemical properties

Product	: Procion MX Dye 020 Brilliant Orange
C. I. Name	: NA
CAS No.	: NA
Chemical family	: Reactive Dyes
Appearance	: Ranges from Yellow to Dark Brown
Physical state	: Powder
Odor	: Odorless
PH Value	: (4.5 – 6.5)
Initial boiling point (°c)	: No data available
Density (Kg / m3)	: 600 – 800
Vapor Pressure (hpa)	: Not applicable
Solubility in water (g/l)	: > 100 g/l (25°c)
Flash point (°c)	: Not applicable
Auto ignition Temperature (°c)	: No data available
Explosion limits- Lower (%)	: No data available
Explosion limits – Upper (%)	: No data available

## 10. Stability and reactivity

Hazardous Decomposition	: On exposure to high temperature, may decompose, releasing toxic vapors
Hazardous Reactions	: Stable
Hazardous Properties	: None under normal conditions
Materials to avoid	: Strong reducing agents, Oxidizing agent

## 11. Toxicological information

Rat Oral LD 50 (mg/kg)	: > 5000
Rabbit Dermal LD 50 (mg/kg)	: No data available
Rat Inhalation LC 50 (mg/l/4h)	: No data available
Dermal Irritation (rabbit)	: not an irritant
Eyes irritation	: Slightly irritant
Mutagenic effects	: No mutagenic effects reported.
Corrosivity	: None.

**12. Ecological information**

L. ides LC 50 (mg/l)	: 1000 – 48h
WGK class (Germany)	: No data available
Biodegradation (%)	: No data available
AOX	: 0

**13. Disposal considerations**

Disposal : Dispose in a safe manner in accordance with local / national regulations.  
Completely empty contents of drums before discarding.

**14. Transport information**

Not classified as hazardous under transport regulations.

**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.

**16. Other information**

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.

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