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Rupert, Gibbon & Spider, Inc.  
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**Safety Data Sheet (SDS)**

Revised Date : 5/6/2015  
Product : Procion MX Dye 030 Fire Engine Red  
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  
Tel: 800-442-0455 service@jacquardproducts.com

**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 & 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.  
After spillage / Leakage : Sweep or shovel spills into appropriate container for disposal.

**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 & 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 030 Fire Engine Red
- C. I. Name : NA
- Chemical family : Reactive Dyes
- Appearance : Ranges from Yellow to Dark Brown
- Odor : Odorless
- PH Value : (4.5 – 6.5)
- Initial boiling point (°c) : No data available
- Density (Kg / m<sup>3</sup>) : 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
- Mutagenic effects : No mutagenic effects reported.
- Dermal Irritation (rabbit) : not an irritant
- Eyes irritation : Slightly irritant

## 12. Ecological information

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



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### 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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