



Patchwork-Pro:
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MATERIAL SAFETY DATA SHEET

Product Name: Reactive –Yellow-M4G, Golden Yellow-MR, Golden-M4R, Red-M5B, Violet-C4R, T.Blue-MGN, Navy Blue-M3R, Blue-MR, Blue-MX7R, Red-M8B.

1. Identification of the products

Identification of the product: C.I.Synthetic Organics dyes; Reactive dyes;
Use : Textile- industria
Company Identification : See above

2. Information on ingredients

Substance name : Cas no.N.A
Hazard Symbol(As per directive-1999/45/EC):None
R-Phrases : R42/43

3. Hazards 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
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4. First aid measures

First aid

- 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
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6. Accidental release measures

- Personal precautions : Wear suitable protective clothing and gloves
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.
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7. Handling and storage

- Storage : Keep away from heat. Keep container 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 / personal protection

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 : Chemical goggles or safety glasses.
- Ingestion : 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



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9. Physical and chemical properties

Appearance	: Powder
Physical state	: Powder
Color	: L.Yellow,Golden,Red, T.Blue,Blue,
Odor	: Odorless
pH value	: 6.5-7.00
Initial boiling point [°C]	: No data available
Density [kg / m ³]	: 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 vapor
Hazardous reactions	: Stable
Hazardous properties	: None under normal conditions
Materials to avoid	: Strong reducing agents. Oxidizing agent

11. Toxicological information

Rat oral LD50 [mg/kg]	: > 5000
Rabbit dermal LD50 [mg/kg]	: No data available
Rat inhalation LC50[mg/l/4h]	: No data available
Dermal irritation (rabbit)	: Not an irritant
Eyes irritation	: Slightly irritant

12. Ecological information

L. idus LC 50 (mg/l)	: 1000 - 48h
WGK class (Germany)	: No data available
Biodegradation [%]	: No data available
AOX	



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13. Disposal considerations

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

14. Transport information

General information: Not classified

15. Regulatory information

Symbol (s) : Non Harmful
R Phrase (s) : None
S Phrase (s) : None

16. Other information

Recommended uses and : 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 this dye.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC

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