Pfaltz & Bauer
RARE AND FINE CHEMICALS
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SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Product Name:	Metachrome yellow 2RD
Product Code:	M05172
Supplier:	Pfaltz & Bauer, Inc. 172 E. Aurora Street Waterbury, CT 06708 USA
Phone:	203 574-0075
Fax:	203 574-3181
Emergency Phone:	CHEMTREC, US: 1-800-424-9300
	CHEMTREC, International: 1-703-527-3887

SECTION 2: HAZARDS IDENTIFICATION

Statements of Hazard:	Irritant
Acute Health Hazard:	Irritant to eyes, skin, mucous membranes and respiratory system. May be harmful by ingestion, inhalation or skin absorption.
Chronic Health Hazard:	Not Available
HMIS Rating:	H:0 F:0 P:0
NFPA Rating:	H:0 F:0 R:0

To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

Pictogram:

Signal Word: Warning

Hazard Statement(s):

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Precautionary Statement(s): **P261** Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/ attention.

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

Chemical Name:	Metachrome yellow 2RD
Synonyms:	Acid alizarin yellow
CAS Number:	66676-71-9
MDL Number:	MFCD00007313
EINECS Number:	218-818-3
Belstein Registry Number:	Not Available
Molecular Formula:	$C_{13}H_9N_3O_5$
Molecular Weight:	287.23
Content:	95 - 100%
Notes:	Not Available

SECTION 4: FIRST AID MEASURES

Eye Contact:	Flush eyes with large amounts of water for fifteen minutes. Separate eyelids with fingers. If irritation persists, seek medical attention.
Skin Contact:	Wash skin with soap and water. If irritation persists, seek medical attention.
Ingestion:	Do not induce vomiting. Seek medical attention.
Inhalation:	Move to a fresh air environment. Contact a physician if breathing becomes difficult.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	Not Available
Explosion Limits:	Lower: Not Available Upper: Not Available

Auto Ignition Temperature:	Not Available
Extinguishing Media:	Carbon dioxide, dry chemical powder, alcohol-resistant foam or water spray.
Protective Equipment:	Wear self-contained respirator and fully protective impervious suit.
Specific Hazards:	May emit hazardous fumes under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection:	Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use. Keep unprotected persons away.
Environmental Protection:	Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING and STORAGE

Handling:	Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Open and handle container with care. Keep ignition sources away.
Storage:	Store in a tightly closed container in a dry, well-ventilated place.
Sensitivities:	Not Available
Storage Temperature:	15 - 30 ºC

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Wear appropriate protective eyeglass or chemical safety goggles. Make sure that there is an eyewash facility in your vicinity.
Skin:	Wear impervious gloves and protective clothing.
Respiratory:	Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.

Exposure Limits:	Country	Source	Type	Value
	USA	ACGIH	TWA	Not Available
	USA	OSHA	STEL	Not Available
	USA	OSHA	PEL	Not Available

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Appearance:	Not Available
Odor:	Not Available
Melting Point:	250 ºC
Boiling Point:	Not Available
pH Value:	Not Available
Density:	Not Available
Refractive Index, n^{20}_{D}:	Not Available
Viscosity:	Not Available
Solubility in Water:	Not Available
Vapor Pressure:	Not Available
Vapor Density(Air=1):	Not Available

SECTION 10: STABILITY and REACTIVITY

Stability: Stable under normal temperatures and pressures.

Incompatibility: Strong oxidizing agents.

Conditions to Avoid: Heat, Flame, Sparks, Other ignition sources

Hazardous Decomposition Products: Carbon oxides, Nitrogen oxides

SECTION 11: TOXICOLOGICAL INFORMATION

RTECS Reference:	Not Available
Target Organs:	Not Available
Toxicity Data:	Not Available
Skin corrosion/irritation:	Not Available
Serious eye damage/irritation:	Not Available
Carcinogenicity:	Not Available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	Not Available
Persistence and degradability:	Not Available

Bioaccumulative potential:	Not Available
Mobility in soil:	Not Available
PBT and vPvB assessment:	Not Available
Other adverse effects:	Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated

IMDG Shipping Name: Not Regulated

IATA Shipping Name: Not Regulated

SECTION 15: REGULATORY INFORMATION

United States:
Toxic Substance Control Act (TSCA): Not listed
Superfund Amendments and Reauthorization Act (SARA 302): Not listed
Superfund Amendments and Reauthorization Act (SARA 311/312): Not listed
Superfund Amendments and Reauthorization Act (SARA 313): Not listed

European Union:
European Inventory of Existing Chemical Substances (EINECS): No. 218-818-3
Hazard Codes: Xn
Risk Statements: 20/21/22
Safety Statements: 36

Canada
Canadian Domestic Substances List (DSL): Not listed
Canadian Non-Domestic Substances List (NDSL): Not listed

SECTION 16: OTHER INFORMATION

Date Prepared: MH 01/13/2014

The information above is presented in good faith. It is believed to be accurate and represents the best information currently available to us. However we make no warranty with respect to such information and we assume no liability resulting from its use. The user should consider this information as a supplement to other information that may be available and make independent judgment to ensure proper use to protect the health and safety of employees and the environment. Pfaltz and Bauer shall not be held liable for any damage resulting from handling or from contact with the above product.