



SAFETY DATA SHEET

Product: MARC 23 PHOTO BLUE DYE

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 23 PHOTO BLUE DYE

SDS DATE: 06/12/15

SUPPLIER: Mid-American Research Chemical Corp.

ADDRESS: P. O. Box 927 Columbus, NE 68602-0927

PHONE: 402-564-7104 FAX: 402-563-1290

EMERGENCY PHONE: InfoTrac 1-800-535-5053

E-MAIL: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: For dyeing pond water and as a marker dye.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

CLASSIFICATION: Irritant (eye) (skin) or respiratory tract.

SIGNAL WORD AND PRECAUTIONARY STATEMENTS: **CAUTION:** Contains concentrated acid blue dye. May cause eye, skin and respiratory tract irritation. May cause intestinal upset if swallowed.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT

CAS NO.

NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT.

Contains triphenyl methane dye.

SECTION 4: FIRST AID MEASURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING.

EYES: Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. **DO NOT WEAR CONTACT LENSES WHILE HANDLING.**

SKIN: Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse. Get medical attention or treatment advice.

INGESTION: Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION: If inhaled, move to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a poison control center or doctor for further treatment advice.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A



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SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO₂, Dry chemical, foam, water fog.

SPECIAL FIRE FIGHTING PROCEDURES/

UNUSUAL FIRE AND 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.

HAZARDOUS DECOMPOSITION PRODUCTS: CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

PROTECTIVE EQUIPMENT: Use personal protective devices as stated in Section 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Same as EMERGENCY PROCEDURES.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING: See Section 8. In accord with good industrial practice. Handle with care and avoid personal contact.

OTHER PRECAUTIONS: **KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE! DO NOT TAKE INTERNALLY!**

STORAGE: See General Handling above.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT

CAS NO.

Contains no reportable quantities of hazardous materials.

GENERAL PROTECTIVE MEASURES/

ENGINEERING CONTROLS: Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing .

VENTILATION: Use local ventilation.

RESPIRATORY PROTECTION: Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

EYE PROTECTION: Employees should wear protective eye-goggles with side protection shield.

SKIN PROTECTION/PROTECTIVE GLOVES: Avoid hand/skin contact by wearing gloves of PVC or nitrile rubber.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Avoid skin contact by wearing protective clothing, overalls, apron, etc. Long sleeve shirts, pants and boots are recommended. Additional protection such as impervious suits are recommended when the potential for dermal contact is significant. Employees should shower thoroughly before leaving work.

WORK HYGIENIC PRACTICES: Wash hands and face before eating and drinking. Keep away from food and drink stuffs.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-
PHYSICAL STATE: Liquid
COLOR: Blue
ODOR: None
ODOR THRESHOLD: N/A
pH: 6 - 7
MELTING/FREEZING POINT: N/A
BOILING POINT: 212°F
FLASH POINT/METHOD USED: >210°F
EVAPORATION RATE: N/A
FLAMMABILITY (solid, gas): N/A
FLAMMABILITY LIMITS: N/A
VAPOR PRESSURE (mmHg): N/A
VAPOR DENSITY (AIR = 1): N/A
SPECIFIC GRAVITY (H₂O = 1): 1.09
SOLUBILITY IN WATER: Complete
IGNITION TEMP: N/A
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/A
UEL: N/A
LEL: N/A

SECTION 10: STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.

HAZARDOUS REACTION: None expected.

STABILITY: Stable

CONDITIONS TO AVOID: Avoid dusting conditions and sparks/flame.

INCOMPATIBILITY (MATERIALS TO AVOID): None.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES.

HAZARDOUS POLYMERIZATION: Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** None.

SECTION 11: TOXICOLOGICAL INFORMATION

PRIMARY ROUTE OF EXPOSURE: **INHALATION:** YES **SKIN ABSORPTION:** NO **INGESTION:** NO
SKIN CONTACT: YES **EYE CONTACT:** YES

EYES: Irritation.

SKIN: Irritation.

INGESTION: May be harmful if swallowed.

INHALATION: Harmful if inhaled. Irritating to respiratory tract.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.



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CHRONIC EFFECTS: None known.

CARCINOGENICITY: N/A

ANIMAL TOXICITY ORAL - LD50 (INGESTION): >5000 mg/l (RAT)
FISH, LC50: >500 mg/l (Pimephales Promelas)
EYE EFFECTS: NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS: NON-IRRITANT (RABBIT)
SENSITIZATION: NOT EXPECTED

SECTION 12: ECOLOGICAL INFORMATION

BACTERIA TOXICITY: N/D

BIODEGRADABILITY: 77% (7d)

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with existing federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

CONTAINER SIZES(S): Pails, Gallons
PROPER SHIPPING NAME: INK MATERIAL, LIQUID
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: NONE

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): The components of this product are listed on the TSCA Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Applicable

SARA 313: This product is not subject to SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) Section 313 reporting requirements under 40 CFR 372.

SARA 312 HAZARD CATEGORIES:

Immediate (acute) health hazard	Yes
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 does not contain any components currently on the California List of Known Carcinogens and reproductive Toxins.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1
Flammability = 0
Reactivity = 0
Other = -
Protection = -

REVISION DATE: 6/12/15

DISCLAIMER: While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.