

MATERIAL SAFETY DATA SHEET

SUPER MARKING BLUE DYE

MSDS DATE: 12/9/09
SUPERSEDES: 10/10/07

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SUPER MARKING BLUE DYE

MANUFACTURER: Red River Specialties
ADDRESS: PO Box 7241, Shreveport, LA 71137-7241

CHEMTREC PHONE: US: 1-800-424-9300 International: 1-202-483-7616

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Colorant
CHEMICAL FORMULA: Mixture

PRODUCT USE: Aquatic colorant

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT/% VOL</u>	<u>SARA 313 REPORTABLE</u>	<u>TWA</u>	<u>OSHA STEL</u>	<u>Ceiling</u>	<u>TWA</u>	<u>ACGIH STEL</u>	<u>Ceiling</u>
None									

SECTION 2 NOTES: None

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, skin, ingestion, inhalation

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation and redness

SKIN: May cause irritation and redness

INGESTION: May cause nausea, abdominal discomfort and diarrhea

INHALATION: Spray mist may be irritating to lungs

ACUTE HEALTH HAZARDS: None beyond above

CHRONIC HEALTH HAZARDS: Repeated or extremely prolonged exposure may cause minor tissue damage

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Existing dermatitis may be exacerbated.

CARCINOGENICITY

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

SECTION 3 NOTES: None

MATERIAL SAFETY DATA SHEET

SUPER MARKING BLUE DYE

MSDS DATE: 12/9/09

SUPERSEDES: 10/10/07

SECTION 4: FIRST AID MEASURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If Swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Unknown
(% BY VOLUME) **LOWER:** Unknown

FLASH POINT:

F: >200

C: >93

METHOD USED:

PMCC

AUTOIGNITION TEMPERATURE:

F: Unknown

C: Unknown

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 OTHER: -

EXTINGUISHING MEDIA: Cool surrounding area.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: Product is extremely soluble in water and will turn water blue but is safe for aquatic environments

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Small spills: Absorb with appropriate absorbent material or mop.
Large spills: Dike area and absorb with appropriate absorbent material.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry place. Do not store near strong oxidizers.

SECTION 7 NOTES: None

MATERIAL SAFETY DATA SHEET

SUPER MARKING BLUE DYE

MSDS DATE: 12/9/09
SUPERSEDES: 10/10/07

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Normal ventilation will be adequate

RESPIRATORY PROTECTION: None required

EYE PROTECTION: Chemical goggles

SKIN PROTECTION: Wear rubber gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear long sleeves and pants

WORK HYGIENIC PRACTICES: None

EXPOSURE GUIDELINES: None

SECTION 8 NOTES: Product will stain skin but if washed off immediately, will cause no damage

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Deep blue

ODOR: None

PHYSICAL STATE: Liquid

pH AS SUPPLIED: ~4 - 5

pH (Other): Unknown

BOILING POINT:
F: Unknown
C: Unknown

MELTING POINT:
F: Unknown
C: Unknown

FREEZING POINT:
F: Unknown
C: Unknown

VAPOR PRESSURE (mmHg):
@
F: Unknown
C: Unknown

VAPOR DENSITY (AIR = 1):
@
F: Unknown
C: Unknown

SPECIFIC GRAVITY (H₂O = 1): ~1.08
@
F: 68
C: 20

EVAPORATION RATE: Slower than standard
BASIS (butyl acetate=1):

SOLUBILITY IN WATER: Soluble

VISCOSITY: Unknown
@
F:
C:

SECTION 9 NOTES: None

MATERIAL SAFETY DATA SHEET

SUPER MARKING BLUE DYE

MSDS DATE: 12/9/09
SUPERSEDES: 10/10/07

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not available

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: May be absorbed and landfilled or disposed of according to all laws and regulations.

RCRA HAZARD CLASS: Not regulated

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

OTHER AGENCIES: None

SECTION 14 NOTES: None

MATERIAL SAFETY DATA SHEET

SUPER MARKING BLUE DYE

MSDS DATE: 12/9/09

SUPERSEDES: 10/10/07

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): No

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

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Not listed

313 REPORTABLE INGREDIENTS: Not listed

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

PREPARATION INFORMATION: Prepared on 12/9/09

DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

Red River Specialties
PO Box 7241
Shreveport, LA 71137-7241