RRSI IVM MARKING DYE

Material Safety Data Sheet

				MSDS	DATE: 0	6/12/11 -	SUPERSEDES:	04/22/03
SECTION 1: PRODUCT AN		IFICATION						
PRODUCT NAME: RRSI IVM N		IIIGATION						
DISTRIBUTOR: Red River Spe	• •							
ADDRESS: 7545 Haygood Ro	•							
CHEMTREC PHONE: US: 1-80		onal: 1-202-483-7616						
CHEMICAL NAME: Proprietar CHEMICAL FAMILY: Colorant								
CHEMICAL FORMULA: Mixtu	re							
PRODUCT USE: Aquatic colorant								
SECTION 1 NOTES: None								
SECTION 2: HAZARDOUS INGREDIENTS								
INGREDIENT	CAS NO.	% WT	SARA 313 REPORTABLE	TWA	OSHA Stel	Ceiling	ACGIH <u>TWA</u> STEL	Ceiling
None		<u></u>				y		v
SECTION 2 NOTES: None								
SECTION 3: HAZARDS IDE	NTIFICATION							
ROUTES OF ENTRY: Eyes, ski	n, ingestion, inhalation	1						
POTENTIAL HEALTH EFFECT EYES: May cause irritation an								
SKIN: May cause irritation an	d redness.							
INGESTION: May cause nause	ea. abdominal discomi	ort and diarrhea.						
INHALATION: Spray mist may ACUTE HEALTH HAZARDS: N								
CHRONIC HEALTH HAZARDS: Repeated or extremely prolonged exposure may cause minor tissue damage.								
MEDICAL CONDITIONS GENE	•		•	-				
CARCINOGENICITY OSHA: No ACG	ilH: No NTP:	No IARC: No	OTHER: No					
SECTION 3 NOTES: None		NO IANG: NO	UTHER: NO					
SECTION 4: FIRST AID ME	ASURES							
If in Eyes: Hold eye open and	rinse slowly and gent	ly with water for 15-20	minutes. Remove cor	ntact lenses if p	resent, afte	er the first 5 mi	nutes, then continue r	insing eye.
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 F	IRST AID PROVIDERS	5:						
SECTION 4 NOTES: None								
SECTION 5: FIRE-FIGHTIN								
ELABARANDI E LIBAITO INLAID								
FLAMMABLE LIMITS IN AIR, (% BY VOLUME)	UPPER: Unkn							
(% BY VOLUME) FLASH POINT: F: >20	UPPER: Unkn LOWER: Unkr 0							
(% BY VOLUME) FLASH POINT: F: >20 C: >93	UPPER: Unkn LOWER: Unkr 0							
(% BY VOLUME) FLASH POINT: F: >20 C: >93 METHOD USED: PMCC	UPPER: Unkn LOWER: Unkr 0							
(% BY VOLUME) FLASH POINT: F: >20 C: >93	UPPER: Unkn LOWER: Unkr 0 3 RE: F: Unknown							
(% BY VOLUME) FLASH POINT: F: >20 C: >93 METHOD USED: PMCC AUTOIGNITION TEMPERATUR NFPA HAZARD CLASSIFICAT	UPPER: Unkn LOWER: Unkr 0 RE: F: Unknown C: Unknown ION	own						
(% BY VOLUME) FLASH POINT: F: >20 C: >93 METHOD USED: PMCC AUTOIGNITION TEMPERATUR NFPA HAZARD CLASSIFICAT HEALTH: 1	UPPER: Unkn LOWER: Unkr 0 RE: F: Unknown C: Unknown ION FLAMMABILITY	own	IVITY: 0	OTHER: -				
(% BY VOLUME) FLASH POINT: F: >20 C: >93 METHOD USED: PMCC AUTOIGNITION TEMPERATUR NFPA HAZARD CLASSIFICAT HEALTH: 1 EXTINGUISHING MEDIA: Coo	UPPER: Unkn LOWER: Unkr 0 8 RE: F: Unknown C: Unknown ION FLAMMABILITY I surrounding area.	own	IVITY: 0	OTHER: -				
(% BY VOLUME) FLASH POINT: F: >20 C: >93 METHOD USED: PMCC AUTOIGNITION TEMPERATUR NFPA HAZARD CLASSIFICAT HEALTH: 1	UPPER: Unkn LOWER: Unkr 0 3 RE: F: Unknown C: Unknown ION FLAMMABILITY I surrounding area. DCEDURES: None	own	IVITY: 0	OTHER: -				
(% BY VOLUME) FLASH POINT: F: >20 C: >93 METHOD USED: PMCC AUTOIGNITION TEMPERATUR NFPA HAZARD CLASSIFICAT HEALTH: 1 EXTINGUISHING MEDIA: COO SPECIAL FIRE FIGHTING PRO UNUSUAL FIRE AND EXPLOS HAZARDOUS DECOMPOSITIO	UPPER: Unkn LOWER: Unkr 0 3 RE: F: Unknown C: Unknown ION FLAMMABILITY I surrounding area. DCEDURES: None SION HAZARDS: None DN PRODUCTS: None	: 0 REACT						
(% BY VOLUME) FLASH POINT: F: >20 C: >93 METHOD USED: PMCC AUTOIGNITION TEMPERATUR NFPA HAZARD CLASSIFICAT HEALTH: 1 EXTINGUISHING MEDIA: Coo SPECIAL FIRE FIGHTING PRO UNUSUAL FIRE AND EXPLOS	UPPER: Unkn LOWER: Unkr 0 3 RE: F: Unknown C: Unknown ION FLAMMABILITY I surrounding area. DCEDURES: None SION HAZARDS: None DN PRODUCTS: None	: 0 REACT			onments.			

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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. drv place. Do not store near strong oxidizers. SECTION 7 NOTES: None **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: Únknown @ C: Unknown VAPOR DENSITY (AIR = 1): F: Unknown @ C: Unknown SPECIFIC GRAVITY (H20 = 1): ~1.03 **F:** 68 @ C: 20 EVAPORATION RATE: Slower than standard BASIS (butyl acetate=1): SOLUBILITY IN WATER: Soluble VISCOSITY: Unknown F: 0 C: SECTION 9 NOTES: None **SECTION 10: STABILITY AND REACTIVITY STABILITY: Stable** 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

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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

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): No CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not regulate 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 6/12/11

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.

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