MATERIAL SAFETY DATA SHEET

Trade Name...: ORCOLITEFAST BLUE 7RL

Chemical Name: COPPER o-DIANISIDINE BASED DYE

Synonyms....: DIRECT BLUE DYE

Product Nd 45080

1. HAZARDOUS INGREDIENTS

Material: COPPER, CAS# [7440-50-8]

⟨3.0%

Warning .: COPPER IS LISTED UNDER SECTION 313 OF THE EMERGENCY | LANNING AND COMMUNITY RIGHT TO KNOW ACT.

PHYSICAL DATA

, pearance..... POWDER.

Odor SLIGHTLY AROMATIC.

Solubility in Water: SOLUBLE.

3. FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method..... N.A.

LEL: N.A. UEL: N.A.

Extinguishing Media..... WATER SPRAY, DRY CHEMICALS # FOAM OR CARBON DIOXIDE.

Special Fire Fighting Procedures ..: FIREFIGHTERS SHOULD WEAR FULL-FACE, SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards: NONE EXPECTED, BUT AVOID THE BUILD UP OF DYE DUST CLOUDS WHICH COULD BE EXPLOSIVE, AS OTHER ORGANIC POWERS ARE.

NFPA Fire Hazards Code

Flammable Limits

Health....: 1 Fire..... 1 Reactivity .: 0 Specific ...: N.A.

Minimal, Slight...1 Moderate...2

Serious. 43 Severe...4

HEALTH HAZARD DATA

O Oral (Ingestion)....:)5,000 MG/KG (RATS)
LD50 Dermal (Skin Contact):)2,205 MG/KG (RABBITS) LC50 (Inhalation).....:)1,005 MG/M3 AIR (RATS) Primary Route of Exposure.: N.E. Threshold Limit Value....: N.E.

Effects of Overexposure Acute: SLIGHT IRRITATION OF EYES AND/OR SKIN.

Chronic: NO CHRONIC ILL EFFECTS KNOWN.

5. EMERGENCY AND FIRST AID PROCEDURES

Eyes...: IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WITER FOR AT LEAST FIFTEEN MINUTES, CONSULT PHYSICIAN IF IRRITATION OCCURS.

Skin...: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. WASH WELL WITH SOAP AND WATER. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Ingestion: If CONSCIOUS, GIVE TWO GLASSES OF WATER TO DILUTE. MINDUCE

VOMITING ONLY IF ADVISED BY POISON CONTROL CENTER.

Inhalation: REMOVE TO FRESH AIR. IF EFFECTS OCCUR. CONSULT PHY WICIAN.

PHYSICAL HAZARDS

Precentions: MAINTAIN GOOD HOUSEKEEPING TO AVOID DUST BUILD UP AVOID INGESTION, EYE AND SKIN CONTACT. MINIMIZE INHALATION EXPOSURE BY USING DUST RESPIRATOR. WASH HANDS AFTER WEIGHING DYE TO AVOID CONTACT OF THE SKIN OR EYES WITH CONTAMINATED HANDS. A SENSITIZED INDIVIDUAL SHOULD NOT BE EXPOSED TO THE PRODUCT WHICH CAUSED THE SENSITIZATION.

7. SPECIAL PROTECTION INFORMATION

Ventilation....: USE LOCAL EXHAUST VENTILATION TO MINIMIZE EXPOSURE.

Respiratory....: A NIOSH/MSHA APPROVED DUST RESPIRATOR SHOULD BE WORN.

Eye Protection...: WEAR SIDE-SHIELD SAFETY GLASSES OR CHEMICAL BAFETY GOGGLES.

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Protective Gloves:	WEAR	IMPERVIOUS	GLOVES	AS	A S	TANDARD	HAN	(DLING P	ROCE	DURE.	
187	DELUG	E SAFETY S	HOWER,	EYE	WAS	SH STATIC	'n,	PROTECT	IVE	CLOTHIN	G.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

8. CHEMICAL REACTIVITY

Stability..... STABLE UNDER NORMAL STOREGE CONDITIONS.

Incompatability (Materials to Avoid): OXIDIZING AND REDUCING ALENTS.

Hazardous Decomposition Products....: BURNING WILL PRODUCE OXI ES OF CARBON, NITROGEN AND SULFUR.

Hazardous Polymerization..... WILL NOT OCCUR UNDER NOR AL CONDITIONS.

STORAGE INFORMATION

Precautions To Be Taken In Handling And Storing: AVOID BREATHING DUST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. STORE IN A DRY PLACE AWAY FROM EXCESSIVE HEAT, IN ORIGINAL OR SIMILAR WATERPROOF CONTAINERS. RESEAL CONTAINERS IMMEDIATELY AFTER USE.

SPILL, LEAK AND DISPOSAL INFORMATION

Accidental Release Measures: UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION. MIX MATERIAL WITH SWEEPING COMPOUND TO MINIMIZE DUSTING WHILE SWEEPING UP AND CONTAINING. VACUUM CONTAMINATED AREA.

POSSI Considerations...: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FLOERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTIED CONTAINERS HETAIN PRODUCT RESIDUE AND SHOULD NOT BE DISTRIBUTED, MADE AVAILABLE, FURNISHED OR REUSED EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT.

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Shipping Name						
Technical Shipping Name: NOT APPLICABLE. OOT Hazard Classification Primary	11.		SHIPPIN	G INFORMATIO	NC	
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IMO Hazard Class: NOT APPLICABLE, DOT Labels Required: COMMUNITY RIGHT TO KNOW LABE EPA/DOT Hazardous Substances Rq: NOT APPLICABLE. 12. OTHER GOVERNMENT REGULATIONS TSCA: ALL COMPONENTS OF THIS PRODUCT ARE INCOMPLIANCE WITH TH TOXIC SUBSTANCE CONTROL ACT. ADDITIONAL COMMENTS Practices: HANDLE WITH DUE CARE AND MINIMIZE EXPOSURE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE. DISCLAIMER Information contained herein is, to our best knowledge, true and accurate. It is offered for information only, as we cannot guarantee the results of processes not under our direct control. Pared by: DON: DFMORANVILLE Date	Freight Classif.	ication,	· NOT RE	EGULATED.		
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