



**PRACTICAL
SYSTEMS
INC.**

Research / Development / Manufacturing for the Optical Industry

SAFETY DATA SHEET

SECTION I	
PRACTICAL SYSTEMS, INC.	EMERGENCY TELEPHONE NO. 727-376-7900
11617 Prospect Road Odessa FL 33556	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS OV-BLUE BLOCKER DYE
CHEMICAL FAMILY Mono Azo	FORMULA

SECTION II HAZARDOUS INGREDIENTS					
INGREDIENT	%	TLV (MPPM)	INGREDIENT		TLV (MINUTES)

SECTION III PHYSICAL DATA			
BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H ₂ O = 1)	0.44
VAPOR PRESSURE (mm Hg)	NA	% VOLATILE BY VOLUME	3.0%
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (- 1)	NA
SOLUBILITY IN WATER	Slight		
APPEARANCE AND ODOR			

SECTION IV HEALTH HAZARD INFORMATION	
EFFECTS OF EXPOSURE	
LD ₅₀ INGESTION	5,000 mg/kg
EYE	Moderately irritating
SKIN	Moderately irritating
EFFECTS OF OVEREXPOSURE	
ACUTE OVEREXPOSURE	
CHRONIC OVEREXPOSURE	
EMERGENCY AND FIRST AID PROCEDURE	
EYE	Flush eyes with water for at least 15 minutes. Get medical attention.
SKIN	Wash with soap and water.
INHALATION	
INGESTION	
NOTES TO PHYSICIAN	

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

This form is essentially similar to OSHA Form 20 required by the safety and health regulations for ship repairing, ship building and ship-breaking (29 CFR 1916, 1916, 1917) as revised in 1972.

SECTION V FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (METHOD USED) NA	FLAMMABLE LIMITS NA	LEL	LEL
EXTINGUISHING MEDIA Dry Chemical, Carbon Dioxide, Water			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (MATERIALS TO AVOID) Strong oxidizing or reducing agents			
HAZARDOUS DECOMPOSITION PRODUCTS None known			
HAZARDOUS	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Sweep up promptly.	
WASTE DISPOSAL METHOD Normal plant waste, bury or incinerate.	

SECTION VIII SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (SPECIFY TYPE)		
PROTECTIVE GLOVES	EYE PROTECTION	
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL) Acceptable	OTHER
OTHER PROTECTIVE EQUIPMENT		

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact with eyes or skin. Avoid inhalation.	
OTHER PRECAUTIONS:	

WARNING: SUSPECT CARCINOGEN, MAY CAUSE IRRITATION OR SENSITIZATION. BBD HAS BEEN FOUND TO INDUCE TUMORS IN TEST ANIMALS. THE RELEVANCE OF THESE FINDINGS TO HUMANS IS UNKNOWN. AVOID CONTACT WITH EYES SKIN & CLOTHING. BBD COMPRISES APPROX 0.0075 % OF MIXTURE.

THE INFORMATION CONTAINED HEREIN AND THE RECOMMENDATIONS CONTAINED HEREIN, HAVE BEEN COMPILED FROM DATA AND SOURCES BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN.