



## SAFETY DATA SHEET

ISSUE DATE:5/6/2015

Rupert, Gibbon & Spider, Inc.

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CHEMTREC: 800-262-8200 (within USA)

703-741-5500 (from anywhere in the world)

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... IDYE POLY BLUE

PRODUCT CODE NUMBER #451

CHEMICAL FAMILY ..... MONOAZO

T.S.C.A. STATUS ..... IN COMPLIANCE

### 2. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS: NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT

CURRENT TLV'S: NONE KNOWN

### 3. HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE

INHALATION:	YES	SKIN ABSORPTION:	NO	INGESTION:	NO
SKIN CONTACT:	YES	EYE CONTACT:	YES		

CARCINOGEN STATUS

IARC:	NO	NTP:	NO	OSHA:	NO	ACGIH:	NO
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EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the skin and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

#### 4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ..... Wash immediately with large amounts of water for at least 15 minutes, lifting the upper and lower lids until no evidence of product remains. Get medical attention immediately. Do not wear contact lenses while handling.

SKIN CONTACT ..... 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.

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

INHALATION ..... If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

#### 5. FIRE AND EXPLOSION DATA

FLASH POINT ..... Not Applicable

EXTINGUISHING MEDIA ..... CO<sub>2</sub>, Dry Chemical, Foam, Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR 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.

#### 6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

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. Scrub spilled area with detergent, flush with copious amount of water. For further disposal measures see section 13.

#### 7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.

#### 8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:

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

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

SKIN PROTECTION .....Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

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

VENTILATION .....Use local ventilation.

OTHER .....Wear overalls, apron or other protective clothing.

### 9. PHYSICAL DATA

APPEARANCE ..... POWDER  
 COLOR ..... BLUE  
 ODOR ..... NONE  
 SOLUBILITY IN WATER ..... DISPERSEABLE  
 INGINITION TEMP ..... N.A.  
 BULK DENSITY ..... ND  
 pH ..... 8.5-9.5 g/1 @ 1g/1 WATER  
 %VOLATILE: VALUE: ND UNIT: % COMMENT:

### 10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
 HAZARDOUS REACTIONS : In the case of dusty organic products the possibility of a dust explosion should always be considered.

### 11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL- LD50 (INGESTION) .....>5,000 mg/1 (rat)  
 FISH, LC50 .....590 mg/1 (48 hour Zebra fish)  
 EYE EFFECTS.....NON-IRRITANT (RABBIT)  
 SKIN EFFECTS .....NON-IRRITANT (RABBIT)  
 SENSITIZATION .....NONE (GUINEA PIG)

### 12. ECOLOGICAL DATA

BIODEGRADABILITY: ND  
 BACTERIA TOXICITY: IC50 >100 MG/L ( 3 hours ACTIVATED SLUDGE)  
 COD 1450 mg/g  
 ACTIVATED SLUDGE RESPIRATION INHIBITION: IC50 > 1,000 mg/1 (3 hour)

### 13. DISPOSAL CONSIDERATIONS

PRODUCT: ..... If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.  
 UNCLEANNED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

#### 14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL

D.O.T. HAZARD CLASSIFICATION: NOT REGULATED

FRT. CLASS PACKAGE: 55

IATA: NON-REGULATED

IMDG:NON-REGULATED

#### 15. REGULATORY DATA

##### US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312:	Immediate (acute) health hazard	No
	Delayed (chronic) health hazard	No
	Fire hazard	No
	Sudden Release of Pressure	No
	Reactivity	No

OTHER REGULATIONS: Labeling not required in accordance with the EEC directives:

This product is not subject to the German Ordinance that bans certain azo dyes or the 19<sup>th</sup> 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

#### 16. OTHER INFORMATION

Rupert, Gibbon and Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon and Spider, Inc., makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon and Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

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