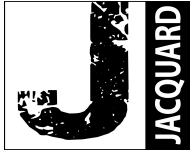


01312-6000



## SAFETY DATA SHEET

ISSUE DATE: 5/14/20

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... IDYE NATURAL - 416 PURPLE  
 PRODUCT CODE NUMBER JID1416, JID3416  
 CHEMICAL FAMILY ..... AZO DYE MIXTURE  
 T.S.C.A. STATUS ..... COMPLIANCE  
 RECOMMENDED PRODUCT USE..... DYE FOR NATURAL FABRICS  
 RESTRICTED PRODUCT USE..... NONE KNOWN  
 MANUFACTURED BY..... **Twr gt v.'I kddqp'( 'Ur kf gt.'Ipe0**  
 3369'J gcrf udwti 'C xg0'J gcrf udwti .'EC"; 766:  
 3/: 22/664/2677" T929/655/; 799  
 Go gti gpe{ 'P wo dgt-<Ej go Vgn' Ipe0/'Eqptcev%O KU; 34: 566  
 P(Co gtlec<3/: 22/477/5; 46" Tkpvtpcvkqpcn<3/: 35/46: /27: 7

### 2. HAZARDS IDENTIFICATION

**GHS Classification: Health Category 5-Oral Acute Toxicity**

**Pictogram: NONE**

**Signal Word: Warning**

**Hazard Statements: H303: May be Harmful if Swallowed**

**Precautionary Statements:**

**P264: Wash face, hands, and any exposed skin thoroughly after handling.**

**P280: Wear protective gloves/ protective clothing/eye protection/face protection**

**P270: Do not eat, drink, or smoke when using this product.**

**P260: Do not breath dust/fume/gas/mist/vapors/spray**

**P273: Avoid release to the environment**

**P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**

**P337 + P313 If eye irritation persists: Get medical advice/attention.**

**P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes .**

**p332 + P313 If skin irritation occurs: Get medical advice/attention.**

**P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.**

**P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.**

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**3. INGREDIENTS:**

Direct Blue 293 (142106-29-4) 10 - 15 % May be harmful if swallowed.

Direct Red 243 (86543-85-3) 20 - 30 % May be harmful if swallowed.

Direct Violet 66 ( 6798-03-4) 10 - 20 % Non-Hazardous

Sodium Sulfate ( 7757-82-6) 30 - 40 %

The exact percentages and composition of the product have been withheld as a trade secret.

**4. FIRST-AID MEASURES**

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ..... Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. 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.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most significant symptoms and effects are described in the labelling (see section 2) and/or in section 11

INDICATION OF ANY SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

**5. FIREFIGHTING MEASURES**

FLASH POINT ..... Not Applicable

EXTINGUISHING MEDIA ..... CO2, 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. ACCIDENTAL RELEASE MEASURES**

### **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. For further disposal measures see section 13.

## **7. HANDLING AND STORAGE**

### **PRECAUTIONS FOR SAFE HANDLING**

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

### **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area. Keep the container tightly sealed and away from any incompatible materials (see Section 10)..

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **APPROPRIATE ENGINEERING CONTROLS:**

Handle with good industrial practices and industrial hygiene. Wash hands after use.

### **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 AND CHEMICAL PROPERTIES**

APPEARANCE ..... POWDER  
 COLOR ..... PURPLE  
 ODOR ..... NONE  
 ODOR THRESHOLD.....NA  
 SOLUBILITY IN WATER ..... 50 – 70 g/l @ 50 C  
 BULK DENSITY ..... ND  
 RELATIVE DENSITY.....NA  
 VISCOSITY.....NA  
 pH ..... 8.5 - 9.5  
 MELTING POINT/FREEZING POINT.....NA  
 PARTITION COEFFICIENT: N-OCTANOL/WATER.....ND  
 BOILING POINT.....NA  
 VAPOR PRESSURE.....NA  
 VAPOR DENSITY.....NA  
 EVAPORATION RATE.....NA  
 FLAMMABILITY.....NA  
 FLASH POINT.....ND  
 IGNITION TEMP ..... ND  
 DECOMPOSITION TEMPERATURE....ND  
 UEL.....NA  
 LEL.....NA  
 % VOLATILE:                      VALUE: 0.00                      UNIT: %                      COMMENT:

**10. STABILITY AND REACTIVITY**

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
 POSSIBILITY OF HAZARDOUS REACTIONS : None expected  
 CHEMICAL STABILITY.....Stable  
 INCOMPATIBLE MATERIALS: None  
 HAZARDOUS DECOMPOSITION PRODUCTS.....CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES  
 CONDITIONS TO AVOID.....Avoid dusting conditions. In the case of dusty organic products the possibility of a dust explosion should always be considered.  
 REACTIVITY.....Will not occur

**11. TOXICOLOGICAL INFORMATION**

ANIMAL TOXICITY ORAL - LD50 (INGESTION).....>4000 mg/l (rat)  
 EYE EFFECTS.....NON- IRRITANT (RABBIT EYE)  
 SKIN EFFECTS .....NON-IRRITANT (RABBIT)  
 SENSITIZATION..... NOT EXPECTED

**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
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HMIS: 1 1 0 E

**CRONIC EFFECTS OF OVEREXPOSURE**

None Known

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

May be irritating to the eyes, 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.

**12. ECOLOGICAL INFORMATION**

FISH, LC50	> 100 mg/l (48 h Oncornyhchus mykiss)
BIODEGRADABILITY:	20 - 30 % (28 d DOC)
COD:	ND
BACTERIA TOXICITY:	> 100 mg/l (3 h, Inhibition of activated sludge)
AOX:	ND

**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.

UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

RCRA HAZARDOUS WASTE.....No..Not as Sold

**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 subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

Copper Compound	37.7 %
Copper (7440-50-8)	2.09 %

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

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**

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

MSDS Created: August 29, 2012

MSDS Revised: May 14, 2020