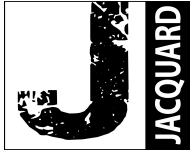


01312-5000



SAFETY DATA SHEET

ISSUE DATE:5/14/20

1. PRODUCT IDENTIFICATION

PRODUCT NAME IDYE POLY - 451 BLUE
 PRODUCT CODE NUMBER JID1451, JID3451
 CHEMICAL FAMILY DISPERSE DYE MIXTURE
 T.S.C.A. STATUS COMPLIANCE
 RECOMMENDED PRODUCT USE.....DYE FOR SYNTHETIC FIBERS
 RESTRICTED PRODUCT USE....NONE KNOWN
 MANUFACTURED BY..... **Twr gt v. I kddqp' ('Ur lf gt. Kpe0**
 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"Kpe0/"Eqptcev%O KJ; 34: 566
 P CCo gtlec<3/: 22/477/5; 46"tKpvtpcvqpcn<3/: 35/46: /27: 7

2. HAZARDS IDENTIFICATION

GHS Classification: **Health Category 2A- Serious Eye Damage/Irritation**
 Health Category 3-Skin Irritant
 Health Category 1A-Skin Sensitizer
 Health Category 5-Oral Toxicity
 Environmental Category 3- Chronic Aquatic Toxicity



Pictogram:

Signal Word: **Warning**

Hazard Statements: **H316: Causes Mild Skin Irritation**
 H319: Causes Serious Eye Irritation
 H317: May Cause an Allergic Skin Reaction
 H303: May be Harmful if Swallowed
 H412: Harmful to Aquatic Life with Long-Lasting Effects

PRODUCT: IDYE POLY - 451 BLUE PAGE 1

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.****3. COMPOSITION/INFORMATIONS ON INGREDIENTS**

Disperse Blue 3 (2475-46-9) 50 - 60 % Causes serious eye irritation. May cause skin sensitization. May be harmful if swallowed

Disperse violet 1 (128-95-0) 10 - 20 % May be harmful if swallowed .slight eye and skin irritant.

Lignin, alkali, reaction products (105859-97-0) 20 - 30 % Eye irritant

The exact percentages and composition has 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 ND

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 DATA

APPEARANCE POWDER
 COLOR BLACK
 ODOR none
 ODOR THRESHOLD.....NA
 SOLUBILITY IN WATER DISPERSIBLE
 BULK DENSITY ND
 RELATIVE DENSITY.....NA
 VISCOSITY.....NA
 pH 8.0 - 9.0 @ 1.0 % SOLUTION
 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
 INGINITION TEMP ND
 DECOMPOSITION TEMPERATURE....ND
 UEL.....NA
 LEL.....NA
 % VOLATILE: VALUE: ND 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.....CO₂, 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).....> 3000 mg/kg (RAT)
 FISH, LC5010 – 100 mg/l (48h, oncorhynchus mykiss)
 EYE EFFECTS.....IRRITANT (RABBIT)
 SKIN EFFECTSNON-IRRITANT(RABBIT)
 SENSITIZATIONSENSITIZER (GUINEA PIG)

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: 2 1 0 E

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

BIODEGRADABILITY: < 10 %
 BACTERIA TOXICITY IC50: ND
 AOX: 0.0000

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

IMGD: NON-REGULATED

PRODUCT: IDYE POLY - 451 BLUE PAGE 5

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	Yes
	Delayed (chronic) health hazard	Yes
	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 19th 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 30, 2012

MSDS Revised: May 14, 2020