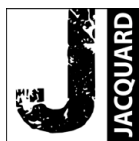


# SAFETY DATA SHEET (SDS)



Jacquard Products  
Manufactured by Rupert, Gibbon & Spider, Inc.  
P.O. Box 425 | Healdsburg, CA 95448  
800.442.0455 | Fax: 707.433.4906  
www.jacquardproducts.com

Acid Dye - Jet Black - Pg 1

Revision Date: 03/02/2021

## SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	<b>ACID DYE - JET BLACK</b>	
Product Number/Code:	<b>JACI-JAC3 639</b>	
Recommended Use:	Dye for fabric & other protein fibers/nylons. Also used for painting or printing.	
T.S.C.A. Status :	In compliance	
Restrictions on use:	All other uses	
Manufacturer:	Rupert, Gibbon & Spider, Inc. 1147 Healdsburg Ave. Healdsburg, CA 95448 1-800-442-0455 / 707-433-9577	
Emergency Number:	<b>ChemTel, Inc. - Contract #MIS9128344</b>	
	North America: <b>1-800-255-3924</b>	International: <b>1-813-248-0585</b>

## SECTION 2 - HAZARD(S) IDENTIFICATION

<b>This product is not considered to be or contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, reference 29 CFR 1910.1200.</b>		
<b>Toxicological Data on Ingredients:</b>		
Hazard Classification		
Physical Hazards:	No information available	
Health Hazards:	Eye Irritant	Category 2A
Environmental Hazards:	Chronic Aquatic Toxicity	Category 3
<b>Label Elements</b>		
Pictogram:		
Signal Words:	Warning	
<b>Hazard Statements-EU:</b>	H319: Causes Serious Eye Irritation H412: Harmful to Aquatic Life with Long-Lasting Effects	

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Precautionary Statements-EU:	
Prevention:	P260: Do not breath dust/fume/gas/mist/vapors/spray P264: Wash face, hands, and any exposed skin thoroughly after handling. P270: Do not eat, drink, or smoke when using this product. P273: Avoid release to the environment P280: Wear protective gloves/ protective clothing/eye protection/face protection
Response:	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.

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity	Content in percent (%)*	CAS #	Chemical Family
Proprietary Blue Azo Dye Component 1 <i>Eye irritant, aquatic toxicity</i>	-	-	Proprietary mix
Proprietary Orange Azo Dye Component 2 <i>Aquatic toxicity</i>	-	-	Proprietary mix
Proprietary Anthraquinone Dye <i>Eye irritant</i>	-	-	Anthraquinone
The exact ingredient percentages and composition of non-hazardous components have been withheld as a trade secret.			

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## SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
In the event of 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.
In the event of 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.
In the event of swallowing:	Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.
In the event of exposure by 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, 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 immediate medical attention and special treatment needed:	No data available

## SECTION 5 - FIREFIGHTING MEASURES

Flashpoint:	N/A
Extinguishing media:	CO <sub>2</sub> , Dry Chemical, Foam, Water, Fog
Special hazards arising from the substance or mixture:	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.
Advice for firefighters:	Avoid dusting conditions. May form explosive dust mixtures with air.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Avoid formation and deposition of dust. Do not touch or walk through the spilled material: stop leak if you can do it without risk.
Methods and material for containment and clean up:	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.
Environmental procedures:	Do not empty into drains or waters.
Reference to other sections:	For further disposal measures see Section 13.

## SECTION 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).

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**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Control parameters:</b>	
Appropriate engineering controls:	Handle with good industrial practices and industrial hygiene. Wash hands after use.
<b>Individual protection measures, such as personal protective equipment:</b>	
General protective measures:	Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.
Eye/face 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.
Other protective equipment:	Wear overalls, apron or other protective clothing.
Respiratory protection:	Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH-approved dust respirator.
Ventilation:	Use local ventilation.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>General information:</b>	
Appearance and physical state:	Powder
Color:	Grey
Type of Odor:	None
Odor threshold:	N/A
<b>Important health, safety and environmental information:</b>	
Initial Boiling Point and Boiling Range:	N/A
Melting Point/Freezing Point:	N/A
Flammability Classification:	N/A
Flash Point:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/D
Flammability Limits (lower/upper):	N/A
Evaporation rate:	N/A
Vapor Pressure:	N/A
Vapor Density (Air=1):	N/A
Octanol/Water Partition Coefficient (log Pow):	N/D
Specific Gravity:	N/A
Bulk Density:	400-600 kg/m <sub>3</sub>
Water Solubility:	30-40 g/l @ 90 °C
pH:	6.5-7.5 @ 10.0g/120 °C
Viscosity:	N/A
Explosive Properties:	N/A
Oxidizing Properties:	N/A
Molecular Formula:	N/A
Molecular Weight:	N/A
Relative Density:	N/A
Value:	N/A
Comment:	De-dusting oil

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## SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Will not occur
Stability:	Stable
Possibility of hazardous reactions:	In the case of dusty organic products the possibility of a dust explosion should always be considered.
Conditions to avoid:	Avoid dusting conditions and sparks/flare.
Incompatible materials:	None
Hazardous decomposition products:	CO <sub>2</sub> , CO, Sulfur Oxides, Nitrogen Oxides
Thermal decomposition:	No thermal decomposition when stored and handled correctly.

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Information on toxicological effects:</b>		
Acute toxicity (list all possible routes of exposure)		
Acute Oral Toxicity:	LD50: (Ingestion) >5,000 mg/kg (Rat) Fish, LC50: 10-100 mg/l (48 hour, Rainbow Trout)	
Skin Corrosion/Irritation:	Non-Irritant (Rabbit)	
Serious Eye Damage / Eye Irritation:	Irritant (Rabbit eye)	
Respiratory or Skin Sensitization:	Not expected	
Carcinogen Status:	IARC:	No
	NTP:	No
	OSHA:	No
	ACGIH:	No
Effects of Overexposure:	None Known	
Signs and Symptoms of Overexposure:	May be irritating to the eyes, skin or 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.	
<b>Potential Health Effects:</b>		
Skin Contact:	No	
Skin Absorption:	No	
Eye Contact:	Yes	
Ingestion:	No	
Inhalation:	Yes	

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## SECTION 12 - ECOLOGICAL INFORMATION

<b>Toxicity:</b>	
Biodegradability:	10-50 %
Bacterial Toxicity:	EC50: 100 mg/l (Inhibition of activated sludge) LC50: >100 mg/l (Inhibition of activated sludge)
AOX Content:	0.0%
AOX Potential:	.07%
COD:	1,287 mg/g

## SECTION 13 - DISPOSAL CONSIDERATIONS

<b>Waste treatment methods:</b>	
Disposal:	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.
Container Disposal:	Soiled, empty containers are to be treated in the same way as the contents.

## SECTION 14 - TRANSPORT INFORMATION

General Information:	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).
UN number:	Not relevant
UN proper shipping name:	Non-hazardous ink material
Transport hazard class:	Not relevant
Packing group:	Not relevant
Frt. Class Package:	55
<b>Environmental Hazards:</b>	
Environmentally hazardous substance:	No
Special precautions for user:	Not relevant

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## SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:		
US Regulations		
TSCA Inventory:	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	No
	Fire hazard	No
	Sudden Release of Pressure	No
	Reactivity	No
California Proposition 65:	This product does NOT contain any components currently on the California List of Known Carcinogens and reproductive Toxins.	
A minor component (62%) of this dye can, by reductive cleavage of one or more AZO groups, release one or more of the aromatic amines listed in the Point 21 of annex to the commission decision 2002/371/EC.		4-Aminoazobenzene (60-09-3)
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.		

## SECTION 16 - OTHER INFORMATION

HMIS Hazard ID:	
Health:	I
Flammability:	I
Reactivity:	0
Personal Protection:	E (safety glasses, gloves and a dust respirator)
Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect	

**Disclaimer:**

Rupert, Gibbon & Spider, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

**Revision Date: 03/02/2021**

National Chemical Inventories:	
All components of this product are listed on the following chemical substance inventories: TSCA (USA)	
DSL	(Canada)
EINECS	(Europe)
ENCS	(Japan) ECL
	(Korea)
AICS	(Australia) NZIoC
	(New Zealand)
PICCS	(Philippines)
IECSC	(China)



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<b>Abbreviations:</b>	
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	International carriage of Dangerous goods by Road
AICS	Australian Inventory of Chemical Substances
ATE	Acute Toxicity Estimate
BfR	Bundesinstitut für Risikobewertung recommendations for food contact materials
BCF	Bioconcentration Factor
BOD5	5-day Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Classification, Labeling and Packaging regulation
COD	Chemical Oxygen Demand DOT Department of Transportation DSL Domestic Substances List
EINECS	European Inventory of Existing Chemical Substances
ECL	Existing Chemicals List (Korea)
ENCS	Existing and New Chemical Substances Inventory (Japan)
EN 689	Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.
ERG	Emergency Response Guide
GHS	Globally Harmonized System
HMIS	Hazardous Materials Information System IARC International Agency for Research on Cancer IATA International Air Transport Association
ICAO	International Civil Aviation Organization IDLH Immediately Dangerous to Life and Health IMDG International Maritime Dangerous Goods
LD50	Lethal Dose to 50% of test animal population
MAK	Maximale Arbeitsplatz Konzentration
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety & Health Administration
PBT	Persistent, Bioaccumulative and Toxic vPvB Very Persistent and Very Bioaccumulative PEL Permissible exposure limit
PICCS	Philippine Inventory of Commercial Chemical Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemical Substances
RID	International carriage of dangerous goods by Rail SARA Superfund Amendments and Reauthorization Act STEL Short Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volatile Organic Compound
WGK	Wassergefährdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System