



SAFETY DATA SHEET

REVISION DATE:

12/22/16

1. PRODUCT IDENTIFICATION

PRODUCT NAMEConcentrated Vinyl Sulphon Dyes
PRODUCT CODE
NUMBER.....600, 601, 602, 603, 604, 605, 606, 607, 608
CHEMICAL FAMILY AZO DYESTUFF
SYNONYM.....REACTIVE DYESTUFF
CHEMICAL NAME..... VINYL SULPHONES
T.S.C.A. STATUSCOMPLIANCE
PRIMARY PRODUCT USE.....DYE FOR FABRIC

MANUFACTURED BY..... Rupert, Gibbon & Spider, Inc./Jacquard Products
1147 Healdsburg Ave. CA, 95448
800-442-0455

Emergency telephone CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300
International CHEMTREC, call: 1-703-527-3887
For non-emergency assistance, call: 800-442-0455

2. HAZARDS IDENTIFICATION

GHS Classification: Health Category 2B- Eye Irritant
Health Category 3-Skin Irritant
Health Category 5-Oral Toxicity
Environmental Category 3- Chronic Aquatic Toxicity

Pictogram: NONE

Signal Word: Warning

Hazard Statements: H316: Causes Mild Skin Irritation
H320: Causes Eye Irritation
H412: Harmful to Aquatic Life with Long-Lasting Effects
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

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- 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.



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

HMIS: 1 1 0 E

EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, and respiratory tract. This product belongs to a class of dyestuffs in which occasional cases of respiratory sensitization have been observed. Inhalation sensitization by this product has not been observed. Nevertheless, avoid inhalation and skin contact. If sensitization occurs seek medical attention.

MEDICAL CONDITIONS AGGRAVATED

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

3. HAZARDOUS INGREDIENTS:

Proprietary Dyestuff 10 - 20 % Causes eye and skin irritation. Harmful if Swallowed. Harmful to aquatic life

The exact percentages and composition has been withheld as a trade secret

4. EMERGENCY AND FIRST AID PROCEDURES

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.



5. FIRE AND EXPLOSION DATA

FLASH POINT SETAFLASH ASTM D-3828 > 205 DEGREES F.

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. 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. 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:

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 LIQUID

COLOR Ranges from yellow to black

ODOR NONE

ODOR THRESHOLD NA

SOLUBILITY IN WATER MISCIBLE

RELATIVE DENSITY ND

VISCOSITY NA

pH 6.5 – 7.5

MELTING POINT/FREEZING POINT NA

PARTITION COEFFICIENT: N-OCTANOL/WATER ND

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BOILING POINT.....NA
 VAPOR PRESSURE.....NA
 VAPOR DENSITY.....NA
 EVAPORATION RATE.....NA
 FLAMMABILITY.....NA
 FLASH POINT.....NA
 INGINITION TEMPNA
 DECOMPOSITION TEMPERATURE....ND
 UEL.....NA
 LEL.....NA
 % VOLATILE: VALUE: ND UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: ND HAZARDOUS
 REACTIONS : None expected
 CHEMICAL STABILITY.....Stable
 INCOMPATABLE MATERIALS: Strong oxidizing agents
 HAZARDOUS DECOMPOSITION PRODUCTS.....CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
 CONDITIONS TO AVOID.....None Known
 HAZARDOUS POLYMERIZATION....Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION).....ND
 FISH, LC50ND
 EYE EFFECTS.....SLIGHT-IRRITANT (RABBIT EYE)
 SKIN EFFECTSSLIGHT-IRRITANT (RABBIT)
 SENSITIZATIONNOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: ND
 BACTERIA TOXICITY: ND
 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.
 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	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 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

Rupert, Gibbon & 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 & 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 & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

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