

Product: SPECTRA RHODAMINE 6 GDN CONC

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifiers:

Product Form: Substance
Product Name: **SPECTRA RHODAMINE 6 GDN CONC**
Product Number: **4.BA.000110**
Color Index: BASIC RED 1
CAS number: 989-38-8 NJS#0449
Formula or Chemical family: XANTHANE
Synonyms:

Intended Use of the Product:

INKS, COATINGS

Name, Address, and Telephone of the Responsible Party

Spectra Colors Corporation	Telephone	800-527-8588 (USA), 201-997-0606 (Int'l)
25 Rizzolo Road	Fax number	201-997-0504
Kearny, NJ 07032 USA	Email	dyes@spectracolors.com

EMERGENCY TELEPHONE NUMBER

Emergency phone number: **Chemtrec 800-424-9300 (USA)**
+1 703-527-3887 (Outside USA)

SECTION 2: Hazards Identification

Classification of the substance or mixture

GHS-US Classification

Acute toxicity-oral (Cat. 3)
Eye damage/irritation (Cat. 1)
Acute toxicity - inhalation (Cat. 4)
Hazard aquatic environment - acute (Cat. 1)
Hazard to aquatic environment-long term (Cat. 1)

Label Elements

GHS Labelling:

Hazard Pictograms (GHS-US):



GHS06



GHS05



GHS09

Signal Word (GHS-US):

Danger

Hazard Statements (GHS-US)

H301 – Toxic if swallowed
H318 - Causes serious eye damage
H332 - Harmful if inhaled
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

SAFETY DATA SHEET (SDS)

According to OSHA HazCom Standard 29 CFR 1910.1200 (g), Rev 2012 and GHS Rev 03
Revision No. 0, Revision Date: 25-Mar-15
Printing Date: 12-Apr-16

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Precautionary Statements (GHS-US)

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P330 – Rinse mouth
P264 - Wash face and skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P405 - Store locked up
P305 + 351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 – IF IN EYES: Immediately call a POISON CENTER or doctor / physician
P280 - Wear eye protection/face protection
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 – Call a POISON CENTER / doctor/physician if you feel unwell
P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray
P271 - Use only outdoors or in well-ventilated area
P273 - Avoid release to the environment
P391 - Collect spillage
P501 - Dispose of contents/container in accordance with local / regional / national / international regulations

Other Hazards: No data available

Unknown acute toxicity (GHS US): No data available

SECTION 3: Composition/Information on Ingredients

Description of substance:

Name	Product Identifier CAS No.	Weight%	GHS-US Classification
BASIC RED 1	989-38-8 NJS#0449	95 - 100	Acute toxicity-oral (Cat. 3) Eye damage/irritation (Cat. 1) Acute toxicity - inhalation (Cat. 4) Hazard aquatic environment - acute (Cat. 1) Hazard to aquatic environment-long term (Cat. 1)

Hazardous ingredients:

Chemical Designation	CAS No	Concentration
No hazardous components found under applicable regulations.	None	None

Additional Information: None

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SECTION 4: First Aid Measures

Description of first aid measures

First Aid Measures General: Remove contaminated clothing

First-aid measures after inhalation: Remove to fresh air. If breathing is difficult, give oxygen and get immediate medical attention.

First-aid measures after skin contact: Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.

First-aid measures after eye contact: Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.

First-aid measures after ingestion: Do NOT induce vomiting, seek IMMEDIATE medical attention

Most important symptoms and effects, both acute and delayed:

This Product Contains Toxic Chemicals Subject To The Reporting Requirements Of Section 313 Of The Emergency Planning And Community Right-to-know Act Of 1986 And CFR 372

Indication of any immediate medical attention and special treatment needed: No additional information

SECTION 5: Firefighting Measures

Extinguishing media

Suitable Extinguishing Media: WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM

Unsuitable Extinguishing Media:

Special hazards arising from the substance or mixture: NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

Fire Hazard: N/A

Explosion Hazard: N/A

Reactivity: N/A

Advice for firefighters

Firefighting Instructions: WEAR SELF-CONTAINED BREATHING APPARATUS.

Protection during firefighting: No additional information available

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General Measures:

For non-emergency personnel

Protective equipment: See Section 8

Emergency procedures:

For emergency responders

Protective equipment: See Section 8

Emergency procedures:

Avoid any uncontrolled release of material.

Environmental precautions: Do not empty into drains or the aquatic environment.

Methods and materials for containment and cleaning up

For containment: Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers.

For cleaning up: Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

Reference to other sections

No additional information available.

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SECTION 7: Handling and storage

Precautions for safe handling

Additional hazards when processed:

Precautions for safe handling: In 1978, the IARC concluded that Basic Red 1 was carcinogenic to animals after subcutaneous injection. However, 1982, IARC found it insufficient evidence for carcinogenicity in animals. NTP subsequent 2 year study showed evidence of carcinogenicity in rat

Hygiene measures: N/A

Conditions for safe storage, including any incompatibilities

Technical measures: N/A

Storage conditions: TOXIC BY INGESTION. CAUSES IRRITATION OF THE EYES. AVOID BREATHING DUST AS IT IRRITATES EYES, NOSE, THROAT AND UPPER RESPIRATORY PASSAGES.

Incompatible products: N/A

Incompatible materials: N/A

Storage area: N/A

Special rules on packaging: N/A

Specific end use(s): INKS, COATINGS

SECTION 8: Exposure controls / personal protection

Control parameters

Exposure controls

Appropriate engineering controls: N/A

Personal protective equipment:



Hand protection: Wear protective gloves

Eye protection: Tightly sealed safety goggles or full face shield

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Dust Mask

Thermal hazard protection: N/A

Other information: No additional information

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	
Physical state, appearance, color, odor	RED POWDER / NO ODOR
Odor Threshold:	No data
pH:	4.0 +/- 1.5
Melting Point/Freezing Point:	ND
Initial boiling point/boiling range:	0.00
Flashpoint:	NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.
Evaporation rate:	No data
Flammability (solid, gas):	NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.
Upper explosive limits:	N/A
Lower explosive limits:	N/A

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Vapor pressure:	N/A
Vapor density:	N/A
Relative density:	N/A
Solubility in water:	Yes.
Partition coefficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity, dynamic	No data
Viscosity, cinematic	No data
Explosive properties	N/A
Oxidizing properties	N/A

Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity: No data

Chemical stability:

Possibility of hazardous reactions

No additional information available

Conditions to avoid: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

Incompatible materials: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

Hazardous decomposition products: CO, CO₂, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

SECTION 11: Toxicological information

Information on toxicological effects

Oral (Animal): NO DATA AVAILABLE.

Dermal (animal): NO DATA AVAILABLE.

Effects to eyes (Animal): NO DATA AVAILABLE.

Skin irritation (Animal): NO DATA AVAILABLE.

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): May cause drowsiness or dizziness.

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: May cause drowsiness or dizziness.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

SECTION 12: Ecological information

Toxicity:

NO DATA AVAILABLE.

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Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: TOXIC BY INGESTION. CAUSES IRRITATION OF THE EYES. AVOID BREATHING DUST AS IT IRRITATES EYES, NOSE, THROAT AND UPPER RESPIRATORY PASSAGES.

Other adverse effects: No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

Regional legislation (waste): Dispose of only in an approved land-fill area or by controlled incineration in accordance with local and State regulations.

Waste disposal recommendations: Empty bags thoroughly. Carry out the proper recycling, re-usage or disposal. Please refer to the relevant EU regulations, in particular the guidelines/ decisions of the council regarding handling of wastes (e.g. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) as implemented in national regulations.

SECTION 14: Transport information

UN number: 3077

UN proper shipping name: None

Department of Transportation (DOT):

Transport hazard class(es): N/A

Hazard labels (DOT)

Packing group (DOT): N/A

DOT Special provisions:

Additional information

Overland transport: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (BASIC RED 1), 9, III

Transport by sea: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (BASIC RED 1), 9, III

Air transport: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (BASIC RED 1), 9, III

DOT Quantity Limitations Passenger Aircraft:

DOT Quantity Limitations Cargo Aircraft:

SECTION 15: Regulatory information

US Federal regulations:

This substance is listed on United States TSCA (Toxic Substance Control Act) inventory.

US State regulations: N/A

Other regulations

Chemical Identity	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
989-38-8 NJS#0449	X	-	-	X	-	-	-	-	-	-

TSCA Status: IN COMPLIANCE

E C Classification: (67/548/EEC – 88/379/EEC) n/a

EINECS Number: 213-584-9

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REACH Classification:
R-phrases: R22 Harmful if swallowed.
R41 Risk of serious damage to the eyes.
R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Additional Regulatory Information:

SECTION 16: Other information

Indication of changes:
Other information: N/A

GHS Full Text Phrases:

H301	Toxic if swallowed
H318	Causes serious eye damage
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

NFPA Rating: N/A

HMIS Rating : Health: 2 Flammability: 1 Reactivity: 0 Personal Protection: H

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