

Product: SPECTRANYL RHODAMINE B

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

Product identifiers:

Product Form: Substance
Product Name: **SPECTRANYL RHODAMINE B**
Product Number: **4.AC.005210**
Color Index: ACID RED 052
CAS number: 3520-42-1
Formula or Chemical family: XANTHENE
Synonyms:

Intended Use of the Product: Household items, Marker Inks, Water Based Coatings and Specialty Inks

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 tox. – oral 4 H302
Skin corr./irritation 3 H316
Eye dam./irritation 2B H320
Acute tox. – inhalation 4 H333

Label Elements

GHS Labelling:

Hazard Pictograms (GHS-US):  GHS07

Signal Word (GHS-US): Warning

Hazard Statements (GHS-US)

H302 - Harmful if swallowed
H316 - Causes mild skin irritation
H320 - Causes eye irritation
H333 - May be harmful if inhaled

Precautionary Statements (GHS-US)

P301 + P312 - IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell
P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray
P264 - Wash skin thoroughly after handling

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: 8-May-15

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P270 - Do not eat, drink or smoke when using this product
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical advice/attention
P330 - Rinse mouth
P280 - Wear protective gloves / eye protection / face protection
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

Substances

| Name | Product Identifier CAS No. | Weight% | GHS-US Classification |
|--------------|----------------------------|---------|---------------------------------------------------------------------------------------------------------------------------|
| ACID RED 052 | 3520-42-1 | 100 | Acute tox. – oral 4 H302 Skin corr./irritation 3 H316 Eye dam./irritation 2B H320 Acute tox. – inhalation 4 H333 |

Hazardous components:

None

SECTION 4: First Aide 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: Induce vomiting – seek immediate medical attention.

Most important symptoms and effects, both acute and delayed:

THIS PRODUCT IS EINECS LISTED: 222-529-8

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.

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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.

SECTION 7: Handling and storage

Precautions for safe handling

Additional hazards when processed:

Precautions for safe handling: Acid Red 52: Has been found to be mutagenic in hamster cell tests in vitro. The relevance to humans is not known. May cause skin sensitization or other allergic responses. Avoid overexposure.

Hygiene measures:

Conditions for safe storage, including any incompatibilities

Technical measures:

Storage conditions: Handle with CARE. AVOID over exposure. Use NIOSH/OSHA APPROVED RESPIRATOR, WORK GLOVES and CLOTHING. WASH after handling. SENSITIVE INDIVIDUALS MAY EXPERIENCE RESPIRATORY ALLERGIES. MAY CAUSE SKIN IRRITATION. USE WITH LOCAL VENTILATION.

Incompatible products: N/A

Incompatible materials:

Storage area: N/A

Special rules on packaging: N/A

Specific end use(s): Household items, Marker Inks, Water Based Coatings and Specialty Inks

SECTION 8: Exposure controls / personal protection

Control parameters

Exposure controls

Appropriate engineering controls:

Personal protective equipment:

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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:
Other information:

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

| Appearance | |
|-----------------------------------------|-------------------------------------------------|
| Physical state, appearance, color, odor | GREENISH RED POWDER / NO ODOR |
| Odor Threshold: | No data |
| pH: | 6.0 +/-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 |
| 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: Stable

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

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Oral (Animal): GREATER THAN 5000 MG/KG - RAT

Dermal (animal): NO DATA AVAILABLE.

Effects to eyes (Animal): NOT IRRITATING.

Skin irritation (Animal): SLIGHTLY IRRITATING.

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:

LC/50 = 1000 MG/L [96 HR] [BLUE GILL].

Persistence and degradability: No Data Available

Bioaccumulative potential: No Data Available

Mobility in soil: No Data Available

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: None

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:

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Additional information

Overland transport: NONE

Transport by sea: NONE

Air transport: NONE

DOT Quantity Limitations Passenger Aircraft: N/A

DOT Quantity Limitations Cargo Aircraft: N/A

SECTION 15: Regulatory information

US Federal regulations

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

US State regulations

None

Other regulations

| Chemical Identity | TSCA | DSL | NDSL | EINECS | ELINCS | ENCS | CHINA | KECL | PICCS | AICS |
|-------------------|------|-----|------|--------|--------|------|-------|------|-------|------|
| 3520-42-1 | X | X | - | X | - | - | - | - | - | - |

TSCA Status: IN COMPLIANCE

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

EINECS Number: 222-529-8

REACH Classification:

R-phrases:

Additional Regulatory Information: Listed on the following inventories:

Australia(AICS)

Japan(ENCS)

China(IECSC)

Taiwan

Philippines(PICCS)

SECTION 16: Other information

Indication of changes:

Other information:

GHS Full Text Phrases:

| | |
|------|-----------------------------|
| H302 | Harmful if swallowed |
| H316 | Causes mild skin irritation |
| H320 | Causes eye irritation |
| H333 | May be harmful if inhaled |

NFPA Rating:

HMIS Rating : Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: D

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