

# Safety Data Sheet

## Specialty Blue A

Date: 05/18/2021

Version: 3

### 1. Identification

#### 1.1. Product identifier

**Product Identity** Specialty Blue A

**Alternate Names** Specialty Blue A

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Dye used to color anodized aluminum.

**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** U.S. Specialty Color Corporation  
5624 Cannon Drive  
Monroe, NC 28110

#### Emergency

**24 hour Emergency Telephone No.** 1-800-424-9300

**Customer Service: U.S. Specialty Color Corporation** 704-292-1476

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Acute Tox. 4;H302 Harmful if swallowed.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



#### Warning

H402 Harmful if swallowed.

#### [Prevention]:

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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### [Response]:

P301+312 IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.  
P330 Rinse mouth.

### [Storage]:

No GHS storage statements

### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations                   | Weight % | GHS Classification | Notes |
|--|----------|--------------------|-------|
| Anthraquinone dye<br>CAS Number: Proprietary       | 85 - 100 | Acute Tox. 4;H302  | [1]   |
| Sodium Sulfate, Anhydrous<br>CAS Number: 7757-82-6 | 10 - 25  | Not Classified     | [1]   |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

|                   |   |
|-------------------|---|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention.<br>Never give anything by mouth to an unconscious person.  |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>       | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.  |
| <b>Skin</b>       | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.   |
| <b>Ingestion</b>  | If the person has inadvertently swallowed some of the material and they are conscious, try to induce vomiting. Never make an unconscious person vomit. Obtain medical attention immediately.  |

### 4.2. Most important symptoms and effects, both acute and delayed

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### Overview

Health effects of exposure:

Inhalation: Inhalation of dust may cause respiratory irritation.

Ingestion: May cause gastric disturbances.

Skin: May cause irritation to skin.

Eyes: Contact may cause irritation.

See section 2 for further details.

### Ingestion

Harmful if swallowed.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; CO<sub>2</sub>, powder, water

### 5.2. Special hazards arising from the substance or mixture

Hazardous composition products: Burning may produce oxides of carbon, nitrogen and sulfur.

### 5.3. Advice for fire-fighters

Unusual fire/explosion hazards: Organic dusts have potential to be explosive with static spark or flame initiation. Adequate ventilation and clean-up must be maintained to minimize dust accumulation.

Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

ERG Guide No. ----

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Wear prescribed protective equipment. Vacuum or sweep up material and place in a designated container immediately. Prevent run off to drains, sewers or other public waterways.

Waste material may be disposed of by a licensed waste facility contractor.

## 7. Handling and storage

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### 7.1. Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled. Wash hands and face before eating, drinking, and smoking. Put on appropriate personal protective equipment (see section 8).

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Do not expose to friction or shock.

Incompatible materials: Strong reducing agents.

Store in original container, in a cool, dry location. Close package tightly after removal of product. Avoid dust formation. Keep away from sources of ignition.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

| CAS No.     | Ingredient                | Source   | Value                |
|-------------|---------------------------|----------|----------------------|
| 7757-82-6   | Sodium Sulfate, Anhydrous | OSHA     | No Established Limit |
|             |                           | ACGIH    | No Established Limit |
|             |                           | NIOSH    | No Established Limit |
|             |                           | Supplier | No Established Limit |
| Proprietary | Anthraquinone dye         | OSHA     | No Established Limit |
|             |                           | ACGIH    | No Established Limit |
|             |                           | NIOSH    | No Established Limit |
|             |                           | Supplier | No Established Limit |

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m<sup>3</sup> (50 mppcf\*) TWA, ACGIH 10 mg/m<sup>3</sup>.

#### Carcinogen Data

| CAS No.     | Ingredient                | Source | Value  |
|-------------|---------------------------|--------|--|
| 7757-82-6   | Sodium Sulfate, Anhydrous | OSHA   | Select Carcinogen: No  |
|             |                           | NTP    | Known: No; Suspected: No   |
|             |                           | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| Proprietary | Anthraquinone dye         | OSHA   | Select Carcinogen: No  |
|             |                           | NTP    | Known: No; Suspected: No   |
|             |                           | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

### 8.2. Exposure controls

#### Respiratory

An appropriate NIOSH approved respirator for dust should be worn. Use type N95 (US) or type P1 (EN 143) dust masks.

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|                             |   |
|-----------------------------|---|
| <b>Eyes</b>                 | Wear safety glasses with side shields.  |
| <b>Skin</b>                 | Wear a rubber or plastic apron. Wear clothing suitable to avoid skin contact and clean after every shift. Wear impermeable rubber or plastic gloves.  |
| <b>Engineering Controls</b> | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. |
| <b>Other Work Practices</b> | Eye wash fountain and emergency showers are recommended. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.  |

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

|  |  |
|--|--|
| <b>Appearance</b>                                      | Blue Powder  |
| <b>Odor</b>  | Not Specified  |
| <b>Odor threshold</b>                                  | Not Measured   |
| <b>pH</b>  | Not Measured   |
| <b>Melting point / freezing point</b>                  | Not Measured   |
| <b>Initial boiling point and boiling range</b>         | Not Measured   |
| <b>Flash Point</b>                                     | Not Measured   |
| <b>Evaporation rate (Ether = 1)</b>                    | Not Measured   |
| <b>Flammability (solid, gas)</b>                       | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> Not Measured<br><b>Upper Explosive Limit:</b> Not Measured |
| <b>Vapor pressure (Pa)</b>                             | Not Measured   |
| <b>Vapor Density</b>                                   | Not Measured   |
| <b>Specific Gravity</b>                                | Not Measured   |
| <b>Solubility in Water</b>                             | Approximately 50 g/l (72F)   |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured   |
| <b>Auto-ignition temperature</b>                       | Not Measured   |
| <b>Decomposition temperature</b>                       | Not Measured   |
| <b>Viscosity (cSt)</b>                                 | Not Measured   |

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

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Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

Strong reducing agents.

**10.6. Hazardous decomposition products**

When used and handled as directed, none.

### 11. Toxicological information

**Acute toxicity**

| Ingredient                              | Oral LD50,<br>mg/kg  | Skin LD50,<br>mg/kg  | Inhalation<br>Vapor LC50,<br>mg/L/4hr | Inhalation<br>Dust/Mist LC50,<br>mg/L/4hr | Inhalation<br>Gas LC50,<br>ppm |
|---|----------------------|----------------------|---------------------------------------|---|--------------------------------|
| Anthraquinone dye- (Proprietary)        | No data<br>available | No data<br>available | No data<br>available                  | No data<br>available                      | No data<br>available           |
| Sodium Sulfate, Anhydrous - (7757-82-6) | No data<br>available | No data<br>available | No data<br>available                  | No data<br>available                      | No data<br>available           |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Category | Hazard Description    |
|-------------------------------|----------|-----------------------|
| Acute toxicity (oral)         | 4        | Harmful if swallowed. |
| Acute toxicity (dermal)       | ---      | Not Applicable        |
| Acute toxicity (inhalation)   | ---      | Not Applicable        |
| Skin corrosion/irritation     | ---      | Not Applicable        |
| Serious eye damage/irritation | ---      | Not Applicable        |
| Respiratory sensitization     | ---      | Not Applicable        |
| Skin sensitization            | ---      | Not Applicable        |
| Germ cell mutagenicity        | ---      | Not Applicable        |
| Carcinogenicity               | ---      | Not Applicable        |
| Reproductive toxicity         | ---      | Not Applicable        |
| STOT-single exposure          | ---      | Not Applicable        |
| STOT-repeated exposure        | ---      | Not Applicable        |

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|                   |     |                |
|-------------------|-----|----------------|
| Aspiration hazard | --- | Not Applicable |
|-------------------|-----|----------------|

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

| Ingredient                              | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|---|-----------------------|----------------------------|-------------------|
| Anthraquinone dye- (Proprietary)        | Not Available         | Not Available              | Not Available     |
| Sodium Sulfate, Anhydrous - (7757-82-6) | Not Available         | Not Available              | Not Available     |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

|                               | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA     |
|-------------------------------|---------------------------------------|-----------------------------------|---------------|
| 14.1. UN number               | Not Applicable                        | Not Regulated                     | Not Regulated |
| 14.2. UN proper shipping name | Not Regulated                         | Not Regulated                     | Not Regulated |

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|   |   |   |                                  |
|---|---|---|----------------------------------|
| <b>14.3. Transport hazard class(es)</b>   | <b>DOT Hazard Class:</b> Not Applicable | <b>IMDG:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable | <b>Air Class:</b> Not Applicable |
| <b>14.4. Packing group</b>                | Not Applicable                          | Not Applicable  | Not Applicable                   |
| <b>14.5. Environmental hazards</b>        |   |   |                                  |
| <b>IMDG</b>                               | Marine Pollutant: No                    |   |                                  |
| <b>14.6. Special precautions for user</b> |   |   |                                  |
| No further information                    |   |   |                                  |

### 15. Regulatory information

|   |   |                                       |                              |
|---|---|---------------------------------------|------------------------------|
| <b>Regulatory Overview</b>                | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |                                       |                              |
| <b>Toxic Substance Control Act (TSCA)</b> | All components of this material are either listed or exempt from listing on the TSCA Inventory.                   |                                       |                              |
| <b>WHMIS Classification</b>               | Not Regulated   |                                       |                              |
| <b>US EPA Tier II Hazards</b>             | <b>Fire:</b> No   | <b>Sudden Release of Pressure:</b> No | <b>Reactive:</b> No          |
|   |   | <b>Immediate (Acute):</b> Yes         | <b>Delayed (Chronic):</b> No |

**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%):**

Sodium Sulfate, Anhydrous



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### International Regulations:

**RoHS3:** This product been manufactured in compliance with EU Directive 2011/65/EU and the most recent Directive 2015/863.

**REACH:** This product has been manufactured in compliance with the EU REACH (Registration, Evaluation, Authorization of Chemicals) directive on the restriction of the use of SVHC (Substances of Very High Concern).

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

**Original Issue Date:** 04/30/2015

**Revision Date:** 05/18/2021

### Revision Notes:

RoHS3 and REACH compliance added to SDS.

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