

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: 21-Jul-15

Product: 5.AC.008000

SPECTRACID MILLING BLUE RB

P304 + P312 – IF INHALED: Call a POISON CENTER/doctor/physician if you feel unwell

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 BLUE 80	4474-24-2	100	Acute toxicity – inhalation (Cat. 5) Eye damage/irritation (Cat. 2B) Skin corrosion/irritation (Cat. 3)

Hazardous ingredients:

Chemical Designation	CAS No	Concentration	GHS-US Classification
No hazardous components found under applicable regulations.	None	None	--

Additional information: None

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: Induce vomiting – seek immediate medical attention.

Most important symptoms and effects, both acute and delayed:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY HAZARDOUS COMMUNICATION STANDARD. HOWEVER, AS WITH ALL CHEMICAL; HANDLE WITH CARE AVOID EYE & SKIN CONTACT, AVOID INHALATION OF DUSTS OR VAPORS. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINERS CLOSED.

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

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: 21-Jul-15

Product: 5.AC.008000

SPECTRACID MILLING BLUE RB

Firefighting Instructions: WEAR SELF-CONTAINED BREATHING APPARATUS.
Protection during firefighting: Wear fully protective suit.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General Measures: Remove persons from danger area.

For non-emergency personnel

Protective equipment:

Emergency procedures: No additional information

For emergency responders

Protective equipment: See Section 8 for information on personal protection equipment.

Emergency procedures: No additional information

Environmental precautions: Avoid any uncontrolled release of material. 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: N/A

Precautions for safe handling: 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.

Hygiene measures: N/A

Conditions for safe storage, including any incompatibilities

Technical measures: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Storage conditions:

Incompatible products: Keep away from heat. Keep away from sources of ignition.

Incompatible materials:

Storage area: Keep away from strong oxidizing and reducing agents

Special rules on packaging: None

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

SECTION 8: Exposure controls / personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

Exposure controls

Appropriate engineering controls:

The usual precautionary measures are to be adhered to when handling chemicals.

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: 21-Jul-15

Product: 5.AC.008000

SPECTRACID MILLING BLUE RB

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	DARK BLUE POWDER / MILD ODOR
Odor Threshold:	No data
pH:	6.5 ± 1.0
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

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: 21-Jul-15

Product: 5.AC.008000

SPECTRACID MILLING BLUE RB

Information on toxicological effects

Oral (Animal): GREATER THAN 5000 MG/KG - RAT
Dermal (animal): NOT IRRITATING.
Effects to eyes (Animal): EYES - RABBIT, IRRITANT.
Skin irritation (Animal): EYES - RABBIT, NOT IRRITATING.

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Causes 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 eye irritation.

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

SECTION 12: Ecological information

Toxicity:

LC50 = 6 MG/L [48 HOURS] TROUT.

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: BOD 5: 0.040 G/G. COD: 1.180 G/G. SEED TOXICITY: >300 MG/L.

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: N/A

UN proper shipping name: None

Department of Transportation (DOT):

Transport hazard class(es): N/A

Hazard labels (DOT): N/A

Packing group (DOT): N/A

DOT Special provisions: N/A

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: 21-Jul-15

Product: 5.AC.008000

SPECTRACID MILLING BLUE RB

Additional information

Overland transport: NONE

Transport by sea: NONE

Air transport: NONE

DOT Quantity Limitations Passenger Aircraft: No additional information

DOT Quantity Limitations Cargo Aircraft: No additional information

SECTION 15: Regulatory information

US Federal regulations

TSCA Status: 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
4474-24-2	X	-	-	-	-	-	-	-	-	-

TSCA Status: IN COMPLIANCE

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

EINECS Number:

REACH Classification:

R-phrases:

Additional Regulatory Information: Field of Application Definition, as per EC directive 76/768/EEC for use of colors in cosmetics: 4 - Coloring agents allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

SECTION 16: Other information

Indication of changes: N/A

Other information: N/A

GHS Full Text Phrases:

H333	May be harmful if inhaled
H320	Causes eye irritation
H316	Causes mild skin irritation

NFPA Rating: N/A

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

SPECTRA COLORS CORP. makes every effort to assure that the information herewith enclosed in this transmission is accurate and current, to the best of our knowledge. Beyond the scope of these claims, Spectra Colors makes no promises as to the performance of our products in our customers finished applications; neither can we anticipate end-use characteristics. Likewise it is the end-user's responsibility to assure that Spectra Colors dye products are in compliance with all local, federal and global regulations regarding the storage, the use and the disposal of these same dye products. Spectra Colors Corp. provides these materials for informational purposes only and does not hereby make any express or implied warranty regarding merchantability, fitness for a particular purpose, regulatory compliance, or any other matter.