

Product: SPECTRA GREEN AV406 DISP.

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

### Product identifiers:

Product Form: Mixture  
Product Name: **SPECTRA GREEN AV406 DISP.**  
Product Number: **6.PI.V406L0**  
Color Index: PIGMENT GREEN 7  
CAS number: MIXTURE  
Formula/Chemical Family: Phthalocyanine  
Synonyms:

### Intended Use of the Product

inks, coatings, turf colorant

### 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. 4)  
Skin corrosion/irritation (Cat. 3)  
Eye damage/irritation (Cat. 2B)  
Specific target organ toxicity (Cat. 3)  
Flammable liquid (Cat. 4)

### Label Elements

#### GHS Labelling:

Hazard Pictograms (GHS-US):



Signal Word (GHS-US):

Warning

Hazard Statements (GHS-US)

H302 – Harmful if swallowed  
H316 - Causes mild skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation  
H227 - Combustible liquid

# 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: 16-Sep-15

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## Precautionary Statements (GHS-US)

P301 + P312 – IF SWALLOWED OR INHALED: Call a POISON CENTER/doctor/physician if you feel unwell  
P330 – Rinse mouth  
P264 - Wash face thoroughly after handling  
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.  
P332 + P337 + P313 – If skin or eye irritation occurs/persists: Get medical advice/attention  
P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray  
P271 - Use only outdoors or in well-ventilated area  
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P403 + P233 + P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P405 - Store locked up  
P370 + P378 - In case of fire: Use appropriate media for extinction  
P210 - Keep away from flames and hot surfaces  
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

**Description:** Proprietary mixture of pigments

### Hazardous ingredients:

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

**Additional Information:** This mixture is a proprietary formulation and a trade secret (in accordance with CFR 29 1910.1200) for which no health hazard data exists. The hazard communication standard requires that such mixtures be assumed to present the same health hazards as do components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazard of individual components may be altered by including them in a mixture.

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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:** 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

**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**

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No additional information available.

## SECTION 7: Handling and storage

### Precautions for safe handling

**Additional hazards when processed:** N/A

**Precautions for safe handling:** LIQUID - DO NOT FREEZE. Handle with care. Wear APPROPRIATE PROTECTION: GOGGLES, GLOVES and WORK CLOTHING. Over exposure may CAUSE IRRITATION. AVOID BREATHING FUMES. KEEP IN WARM AREA. WASH AFTER HANDLING. \* \* STIR BEFORE USING. \* \*

**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):** inks, coatings, turf colorant

## 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.

### 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 Green Liquid / no odor
Odor Threshold:	No data
pH:	9.0 +/- 1.5
Melting Point/Freezing Point:	ND
Initial boiling point/boiling range:	0.00
Flashpoint:	66C
Evaporation rate:	No data

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Flammability (solid, gas):	LOW-2.6 HIGH-15.3
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:	D
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, CO<sub>2</sub>, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

## SECTION 11: Toxicological information

### Information on toxicological effects

Oral (Animal):

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 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:**

NO DATA AVAILABLE.

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**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:** Not regulated

**UN proper shipping name:** Not regulated

**Department of Transportation (DOT):** Not hazardous for transportation

**Transport hazard class(es):** NONE

**Hazard labels (DOT):** N/A

**Packing group (DOT):** NONE

**DOT Special provisions:** N/A

### 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

The substances contained in this mixture are 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
MIXTURE	X	X	-	X	-	-	-	-	-	-

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TSCA Status: IN COMPLIANCE

E C Classification: (67/548/EEC – 88/379/EEC) n/a  
EINECS Number: 215-524-7  
REACH Classification:  
R-phrases:  
Additional Regulatory Information: LISTED ON THE FOLLOWING INVENTORIES:  
USA-TSCA, EUROPE-EINECS, CANADA-DSL,  
AUSTRALIA-AICS, JAPAN-ENCS, SOUTH KOREA-  
ECL, CHINA-SEPA, PHILIP.-PICCS

## SECTION 16: Other information

Indication of changes: N/A

Other information: N/A

### GHS Full Text Phrases:

H302	Harmful if swallowed
H316	Causes mild skin irritation
H320	Causes eye irritation
H335	May cause respiratory irritation
H227	Combustible liquid

NFPA Rating: No data available

### HMIS Rating

Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: D

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