

**Safety Data Sheet**  
**Olive Drab Anodizing Dye**

---

**SECTION 1: Identification**

**1.1 Product identifier**

Product name	Olive Drab Anodizing Dye
Product number	DYEOD
Brand	Caswell

**1.4 Supplier's details**

Name	Caswell Inc
Address	7696 Route 31 Lyons, NY 14489 USA
Telephone	315 946 1213
Fax	315 946 4456
email	sales@caswellplating.com

**1.5 Emergency phone number(s)**

Office Hours (9-4ET): 315 946 1213  
24 Hour: CHEMTEL US# 1-800-255-3924 Int# +01-813-248-0585

---

**SECTION 2: Hazard identification**

**2.1 Classification of the substance or mixture**

- Acute toxicity, oral (chapter 3.1), Cat. 4

**2.2 GHS label elements, including precautionary statements**

**Pictogram**



**Signal word**

**Warning**

**Hazard statement(s)**

H302

Harmful if swallowed

# Safety Data Sheet

## Olive Drab Anodizing Dye

### Precautionary statement(s)

P264

P270

P301+P312

P330

P501

Wash ... thoroughly after handling.

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

IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell,

Rinse mouth.

Dispose of contents/container to ...

---

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Anthraquinone Dye

Concentration

85 - 100 %

CAS no.

Proprietary

- Acute Toxicity Cat 4, H302

##### 2. Sodium sulfate

Concentration

15 - 25 %

CAS no.

7757-82-6

#### Trade secret statement (OSHA 1910.1200(i))

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

---

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

person. Rinse mouth with water. Consult a physician.

Do NOT induce vomiting. Never give anything by mouth to an unconscious

In case of skin contact

immediately after handling the product. Rinse with plenty of water. Get medical attention if irritation develops and persists.

Avoid contact with skin, eyes and clothing. Wash hands before breaks and

In case of eye contact  
physician.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a

If swallowed

attention immediately if symptoms occur.

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical

Personal protective equipment for first-aid responders

See section 8

# Safety Data Sheet

## Olive Drab Anodizing Dye

**4.2 Most important symptoms/effects, acute and delayed**  
See section 2

**4.3 Indication of immediate medical attention and special treatment needed, if necessary**  
n/a

---

### SECTION 5: Fire-fighting measures

**5.1 Suitable extinguishing media**  
CO<sub>2</sub>, Powder, Water

**5.2 Specific hazards arising from the chemical**  
Burning may produce oxides of carbon, nitrogen and sulfur.

**5.3 Special protective actions for fire-fighters**  
Wear self-contained breathing apparatus for firefighting if necessary.

---

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**  
See section 8 for PPE

**6.2 Environmental precautions**  
Do not allow spills to enter drains or waterways.

**6.3 Methods and materials for containment and cleaning up**  
Absorb spilled material and allow to dry. Consult local regulations for disposal.

---

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**  
Keep container tightly closed in a dry and well-ventilated place.

**7.2 Conditions for safe storage, including any incompatibilities**  
Incompatible with strong reducing agents. Store away from heat sources, in a cool, dry location.

**Specific end use(s)**  
No data available.

---

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

**1. Anthraquinone Dye (CAS: Proprietary)**  
No Established Limits

**2. Sodium sulfate (CAS: 7757-82-6)**  
No Established Limits

# Safety Data Sheet

## Olive Drab Anodizing Dye

### 8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Pictograms



#### Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Wear chemical resistant gloves and clothing.

#### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Thermal hazards

None Known

---

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form	Olive Colored Liquid
Odor	Not Specified
Odor threshold	Not Measured
pH	Not Measured
Melting point/freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash point	Not Measured
Evaporation rate	Not Measured
Flammability (solid, gas)	Not Measured
Upper/lower flammability limits	Not Measured
Upper/lower explosive limits	Not Measured
Vapor pressure	Not Measured
Vapor density	Not Measured
Relative density	Not Measured
Solubility(ies)	Approx 50g/L in Water

# Safety Data Sheet

## Olive Drab Anodizing Dye

Partition coefficient: n-octanol/water	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity	Not Measured
Explosive properties	Not Measured
Oxidizing properties	Not Measured

---

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Not Reactive

#### 10.2 Chemical stability

Stable

#### 10.3 Possibility of hazardous reactions

Will not occur

#### 10.4 Conditions to avoid

No data available

#### 10.5 Incompatible materials

Strong Reducing Agents

#### 10.6 Hazardous decomposition products

None

---

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

No data available

##### Skin corrosion/irritation

May be mildly irritating

##### Serious eye damage/irritation

May be mildly irritating

##### Respiratory or skin sensitization

May be mildly irritating

##### Germ cell mutagenicity

n/a

##### Carcinogenicity

Not a Known Carcinogen

##### Reproductive toxicity

# Safety Data Sheet

## Olive Drab Anodizing Dye

n/a

### **STOT-single exposure**

No Data Available

### **STOT-repeated exposure**

No Data Available

### **Aspiration hazard**

No Data Available

---

## **SECTION 12: Ecological information**

### **Toxicity**

No Data Available

### **Persistence and degradability**

No Data Available

### **Bioaccumulative potential**

No Data Available

### **Mobility in soil**

No Data Available

### **Results of PBT and vPvB assessment**

No Data Available

---

## **SECTION 13: Disposal considerations**

### **Disposal of the product**

Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

### **Disposal of contaminated packaging**

Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

### **Waste treatment**

No Data Available

---

## **SECTION 14: Transport information**

### **DOT (US)**

Not dangerous goods

### **IMDG**

Not dangerous goods

### **IATA**

Not dangerous goods

# Safety Data Sheet

## Olive Drab Anodizing Dye

---

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### Pennsylvania Right To Know Components

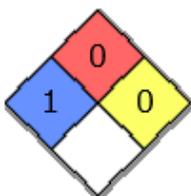
Chemical name: Sodium sulfate (solution)

CAS number: 7757-82-6

##### HMIS Rating

Olive Drab Anodizing Dye	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	F

##### NFPA Rating



---

### SECTION 16: Other information

#### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Caswell Inc be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Caswell Inc has been advised of the possibility of such damages.