



CASWELL INC

Safety Data Sheet Orange 3A Dye

SECTION 1: Identification

1.1 Product identifier

Product name	Orange 3A Dye
Product number	DYEO3A
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 Intl# +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

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Precautionary statement(s)

P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell,
P330	Rinse mouth.
P501	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	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Personal protective equipment for first-aid responders

See section 8

4.2 Most important symptoms/effects, acute and delayed

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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**
CO2, 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
- 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

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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 (physical state, color, etc.)	Orange 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
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

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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

n/a

STOT-single exposure

No Data Available

STOT-repeated exposure

No Data Available

Aspiration hazard

No Data Available

SECTION 12: Ecological information

Toxicity

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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

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

Orange 3A Dye	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	F

NFPA Rating

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SECTION 16: Other information

16.1 Further information/disclaimer

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