

MATERIAL SAFETY DATA SHEET



Date Issued: 07/13/2010
 MSDS No: DYEBLK
 Date Revised: 07/14/2010
 Revision No: 3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: BLACK ANODIZING DYE
GENERIC NAME: ANODIZING DYES

MANUFACTURER

Caswell Inc
 7696 Route 31
 Lyons, NY 14489

Emergency Contact: Caswell Inc
Product Stewardship: 315 946 1213
Transportation: 800 424 9300
Service Number: 315 946 1213

Caswell Inc
 7696 Route 31
 Lyons, NY 14489
 USA

Emergency Contact: Caswell Inc
Emergency Phone: +1 315 946 1213
Service Number: +1 315 946 1213
Transportation Number: +1 703 527 3887

24 HR. EMERGENCY TELEPHONE NUMBERS



CHEMTREC (US TRANSPORTATION) - 1 800 424 9300
 CHEMTREC (INTERNATIONAL - CALL COLLECT) - 1 703 527 3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health	Environmental
Eye Irritation, Category 2B Skin Corrosion, Category 3 Respiratory Tract Irritation, Category 3	Chronic Hazards to the Aquatic Environment, Category 4

GHS LABEL

 Exclamation mark	 Environment
WARNING	WARNING
H315: Causes skin irritation. H302: Harmful if swallowed. H335: May cause respiratory irritation. H319: Causes serious eye irritation.	H412: Harmful to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENT(S)	

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Prevention:

- P262: Do not get in eyes, on skin, or on clothing.
- P202: Do not handle until all safety precautions have been read and understood.
- P102: Keep out of reach of children.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P341: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- 0311FBF0: Specific treatment is urgent (see Section 4 on this label).
- P273: Avoid release to the environment.

POTENTIAL HEALTH EFFECTS

- EYES:** Causes eye irritation.
- SKIN:** Causes skin irritation.
- INGESTION:** Harmful if swallowed.
- INHALATION:** Harmful if inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Chromic Trioxide (chromic Acid)	< 5	1333-82-0	215-607-8
Formic Acid	< 3	64-18-6	- -
Hexylene Glycol	< 3	107-41-5	203-489-0

4. FIRST AID MEASURES

- EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
- SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
- INGESTION:** If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

- FLAMMABLE LIMITS:** Not flammable
- EXTINGUISHING MEDIA:** Water, CO2 or dry chemical.
- FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
- HAZARDOUS DECOMPOSITION PRODUCTS:** Burning will produce oxides of carbon, nitrogen and sulfur.

6. ACCIDENTAL RELEASE MEASURES

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SMALL SPILL: Clean up spills immediately, observing precautions in Protective Equipment section.

LARGE SPILL: No data available. Contact Env. Dept.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow to reach sewer or water source.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing.

HANDLING: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

STORAGE: Store in a tightly closed container, away from incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

SKIN: Wear gloves.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

WORK HYGIENIC PRACTICES: Wash hands with hot water and soap after using this product, especially before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild

APPEARANCE: Viscous liquid

SOLUBILITY IN WATER: Complete

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

HAZARDOUS DECOMPOSITION PRODUCTS: Burning will produce oxides of carbon, nitrogen, and/or sulfur.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Heavy metals toxic to sludge organisms and fish.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Comply with all local, state and federal laws.

EMPTY CONTAINER: Since empty container will contain product residue, dispose of according to all local, state and federal laws.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

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PROPER SHIPPING NAME: Not restricted by DOT

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: Chromium Trioxide

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

16. OTHER INFORMATION

REASON FOR ISSUE: MSDS format revision

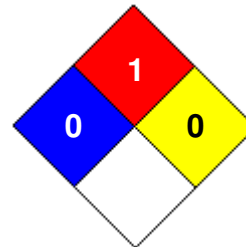
PREPARED BY: L CASWELL

REVISION SUMMARY: Revision #: 3. This MSDS replaces the July 14, 2010 MSDS. Any changes in information are as follows: In Section 9: Color

HMIS RATING

HEALTH:	0
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	E

NFPA CODES



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