

MATERIAL SAFETY DATA SHEET



Date Issued: 09/03/2010
MSDS No: DCCAT

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: CHROME CATALYST

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	Physical
Acute Toxicity (Oral), Category 5 Skin Irritation, Category 3 Eye Irritation, Category 2B	Corrosive to Metals

GHS LABEL

 Exclamation mark	 Corrosion
WARNING	
03663CC3: May be harmful if swallowed 028520IZ: Causes eye irritation H315: Causes skin irritation.	H290: May be corrosive to metals.
PRECAUTIONARY STATEMENT(S)	

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Prevention:

- P270: Do not eat, drink or smoke when using this product.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P202: Do not handle until all safety precautions have been read and understood.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P281: Use personal protective equipment as required.

Response:

- P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal:

- 5692C3NH: Dispose of contents/container in accordance to all local, state and federal regulations.

POTENTIAL HEALTH EFFECTS

EYES: Can cause severe eye irritation.

SKIN: Causes skin irritation.

INGESTION: Harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Sulfuric Acid	1 - 5	7664-93-9	231-639-5
Water and other non-hazardous, non-listed or non-reportable materials.	5 - 99	7732-18-5	231-791-2

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.

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, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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: Any available.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

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

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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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Sulfuric Acid	TWA	NL ppm [1]	1 mg/m ³ [1]	NL ppm	1 mg/m ³	NL ppm	NL mg/m ³
	STEL	NL ppm	NL mg/m ³	NL ppm	3 mg/m ³	NL ppm	NL mg/m ³
Footnotes: 1. NL = Not Listed							

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.

PROTECTIVE CLOTHING: Wear suitable protective clothing at all times.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Clear

pH: Not Available

SPECIFIC GRAVITY: Not Available

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Sulfuric Acid Solution

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN2796

PACKING GROUP: II

OTHER SHIPPING INFORMATION: Quantities under 1L may be shipped as Consumer Commodity, ORM-D

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
Sulfuric Acid	1 - 5	7664-93-9

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sulfuric Acid	7664-93-9
Water and other non-hazardous, non-listed or non-reportable materials.	7732-18-5

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

16. OTHER INFORMATION

REASON FOR ISSUE: MSDS format revision

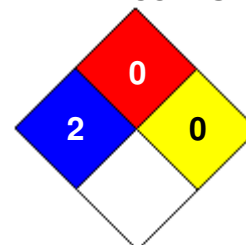
PREPARED BY: L CASWELL

REVISION SUMMARY: New MSDS

HMIS RATING

HEALTH:	<input type="text" value="2"/>
FLAMMABILITY:	<input type="text" value="0"/>
PHYSICAL HAZARD:	<input type="text" value="0"/>
PERSONAL PROTECTION:	<input type="text" value="C"/>

NFPA CODES



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