

## Safety Data Sheet Chrome Catalyst/Activator

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Chrome Catalyst/Activator
Product number	DCCAT
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

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

- Acute toxicity, inhalation (chapter 3.1), Cat. 5
- Skin corrosion/irritation (chapter 3.2), Cat. 3
- Eye damage/irritation (chapter 3.3), Cat. 2B
- Corrosive to metals (chapter 2.16), Cat. 1

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

Pictogram



Signal word

Danger

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### Hazard statement(s)

H333	May be harmful if inhaled
H316	Causes mild skin irritation
H320	Causes eye irritation
H290	May be corrosive to metals

### Precautionary statement(s)

P304+P312	IF INHALED: Call a POISON CENTER/doctor/.../if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P264	Wash ... thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P234	Keep only in original container.
P390	Absorb spillage to prevent material damage.
P406	Store in a corrosive resistant/... container with a resistant inner liner.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Sulfuric acid (<10%)

Concentration	1 - 5 %
EC no.	231-639-5
CAS no.	7664-93-9
Index no.	016-020-00-8

- Skin corrosion/irritation (chapter 3.2), Cat. 1A

H314	Causes severe skin burns and eye damage
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##### 2. WATER OR OTHER NON-REPORTABLE INGREDIENTS

Concentration	5 - 99 %
CAS no.	7732-18-5

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Avoid all contact. Corrosive to skin & eyes.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.

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In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Personal protective equipment for first-aid responders	Refer to section 8

### 4.2 Most important symptoms/effects, acute and delayed

n/a

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

n/a

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

### 5.2 Specific hazards arising from the chemical

n/a

### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

n/a

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for PPE

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

#### Reference to other sections

n/a

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

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Read SDS before use. Refer to section 8 for PPE. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

#### Specific end use(s)

Hexavalent Chrome Plating Additive. No other use is advised.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Sulfuric acid (<10%) (CAS: 7664-93-9 EC: 231-639-5)

PEL-TWA (Oral): 1mg/m<sup>3</sup> (OSHA)

### 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

NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

#### Thermal hazards

n/a

#### Environmental exposure controls

n/a

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## SECTION 9: Physical and chemical properties

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### Information on basic physical and chemical properties

Appearance/form	Clear Liquid
Odor	Slight Acidic
Odor threshold	
pH	ne
Melting point/freezing point	ne
Initial boiling point and boiling range	ne
Flash point	
Evaporation rate	ne
Flammability (solid, gas)	Not Flammable
Upper/lower flammability limits	
Vapor pressure	ne
Vapor density	ne
Relative density	ne
Solubility(ies)	Complete In Water
Partition coefficient: n-octanol/water	ne
Auto-ignition temperature	
Decomposition temperature	ne
Viscosity	ne
Explosive properties	
Oxidizing properties	

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not Reactive

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

Avoid contact with incompatible materials

### 10.5 Incompatible materials

Strong Oxidizers

### 10.6 Hazardous decomposition products

None

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

no data available

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**Skin corrosion/irritation**

no data available

**Serious eye damage/irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

Not a known carcinogen

**Reproductive toxicity**

no data available

**Summary of evaluation of the CMR properties**

no data available

**STOT-single exposure**

no data available

**STOT-repeated exposure**

no data available

**Aspiration hazard**

no data available

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## 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

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## SECTION 13: Disposal considerations

**Disposal of the product**

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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

n/a

#### Sewage disposal

n/a

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## SECTION 14: Transport information

#### DOT (US)

UN Number: UN2796

Class: 8

Packing Group: II

Proper Shipping Name: Sulfuric Acid Solution

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

Small Quantities May Be Shipped as a LTD QTY by Ground

#### IMDG

UN Number: UN2976

Class: 8

Packing Group: II

EMS Number:

Proper Shipping Name: Sulfuric Acid Solution

#### IATA

UN Number: UN2976

Class: 8

Packing Group: II

Proper Shipping Name: Sulfuric Acid Solution

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## SECTION 15: Regulatory information

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

#### Massachusetts Right To Know Components

Chemical name: Sulfuric acid

CAS number: 7664-93-9

#### New Jersey Right To Know Components

Common name: SULFURIC ACID

CAS number: 7664-93-9

#### Pennsylvania Right To Know Components

Chemical name: Sulfuric acid

CAS number: 7664-93-9

#### California Prop. 65 components

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Chemical name: Sulfuric acid (<10%)

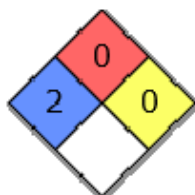
CAS number: 7664-93-9

03/14/2003 - Cancer

### HMIS Rating

Chrome Catalyst/Activator	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

### NFPA Rating



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## SECTION 16: Other information

### 16.1 Further information/disclaimer

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