



**CASWELL INC**

## **Safety Data Sheet Chrome Mist Supressant**

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### **SECTION 1: Identification**

#### **1.1 Product identifier**

Product name	Chrome Mist Supressant
Product number	FCB
Brand	Caswell

#### **1.4 Supplier's details**

Name	Caswell Inc	Supplied in Australia by
Address	7696 Route 31 Lyons NY 14489 USA	Caswell Australia Factory 1 51 ELM PARK DRIVE HOPPERS CROSSING VICTORIA 3029
Telephone	315 946 1213	Ph 03 9741 7103
Fax	315 946 4456	
email	sales@caswellplating.com	EMERGENCY 0 0 0

#### **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**

- Eye damage/irritation (chapter 3.3), Cat. 2B

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

**Pictogram**



**Signal word**

**Danger**

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### Hazard statement(s)

H320 Causes eye irritation

### 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.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. WATER OR OTHER NON-REPORTABLE INGREDIENTS

Concentration 79 - 84 %  
CAS no. 7732-18-5

##### 2. 2-(2-BUTOXYETHOXY)ETHANOL

Concentration 8 - 8 % (weight)  
EC no. 203-961-6  
CAS no. 112-34-5  
Index no. 603-096-00-8

- Serious eye damage/eye irritation (chapter 3.3), Cat. 2

H319 Causes serious eye irritation

##### 3. 1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd with 2,2'-iminobis[ethanol] (1:1)

Concentration 8 - 8 % (weight)  
CAS no. 70225-15-9

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice Avoid all contact.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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In case of skin contact	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	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

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### 7.1 Precautions for safe handling

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

### 8.2 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 cartidge or canister may be permissable 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

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)  
Odor  
Odor threshold

Clear Liquid  
Slight Carbitol

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pH	5.7
Melting point/freezing point	ne
Initial boiling point and boiling range	212 F
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

Stong Oxidizers

#### 10.6 Hazardous decomposition products

None

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

no data available

##### Skin corrosion/irritation

no data available

##### Serious eye damage/irritation

no data available

##### Respiratory or skin sensitization

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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**

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**

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n/a

SECTION 14: Transport information

DOT (US)  
Not dangerous goods

IMDG  
Not dangerous goods

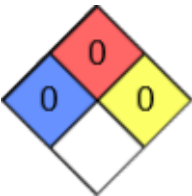
IATA  
Not dangerous goods

SECTION 15: Regulatory information

HMIS Rating

Chrome Mist Supressant	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

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