

## Safety Data Sheet Anodize & Chrome Stripper

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Anodize & Chrome Stripper
Product number	ANSTP
Brand	Caswell

#### 1.3 Recommended use of the chemical and restrictions on use

Metal Finishing Product

#### 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, oral (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 1A
- Corrosive to metals (chapter 2.16), Cat. 1

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

##### Pictogram



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### Signal word

**Danger**

### Hazard statement(s)

H302

Harmful if swallowed

H318

Causes serious eye damage

H314

Causes severe skin burns and eye damage

H290

May be corrosive to metals

### 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 ...

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363

Wash contaminated clothing before reuse.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310

Immediately call a POISON CENTER/doctor/...

P321

Specific treatment (see ... on this label).

P405

Store locked up.

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

### 3.1 Substances

#### Hazardous components

##### 1. Sodium hydroxide solid or pellets

Concentration

< 80 %

EC no.

215-185-5

CAS no.

1310-73-2

Index no.

011-002-00-6

##### 2. Proprietary Additives

Concentration

20 %

#### Trade secret statement (OSHA 1910.1200(i))

Specific Non Hazardous and Non Reportable Chemical Compounds Have Been Omitted As a Trade Secret under OSHA 1910.1200(i)

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	POISON. May be fatal if swallowed. Causes severe respiratory tract, eye and skin burns.
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	Wash off with soap and plenty of water. Consult a physician.
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

not available

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

As required for surrounding fire

#### 5.2 Specific hazards arising from the chemical

Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc

#### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6: Accidental release measures

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

See section 8 for PPE

#### 6.2 Environmental precautions

not available

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

Sweep up powder and store away in plastic, away from incompatible materials for disposal. If in liquid form, dyke spill and absorb with kitty litter or other absorbent, then sweep up and store in plastic for future disposal.

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### SECTION 7: Handling and storage

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### 7.1 Precautions for safe handling

Consult SDS before use. Wear PPE.

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

Store in plastic, at room temperature, away from incompatible materials.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Sodium hydroxide solid or pellets (CAS: 1310-73-2 EC: 215-185-5)

STEL: Ceiling 2

### 8.2 Appropriate engineering controls

Follow general procedures for handling corrosive materials. Strong Base. Keep away from acids.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Pictograms



#### Eye/face protection

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.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form	Hydroscopic White Powder
Odor	Mild
Odor threshold	Not Available
pH	13
Melting point/freezing point	605°F
Initial boiling point and boiling range	2534°F
Flash point	Not Flammable

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Evaporation rate	Not Available
Flammability (solid, gas)	Not Flammable
Upper/lower flammability limits	Not Available
Upper/lower explosive limits	Not Available
Vapor pressure	Not Available
Vapor density	Not Available
Relative density	2.130
Solubility(ies)	Complete In Water
Partition coefficient: n-octanol/water	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	Not Available
Explosive properties	Not Available
Oxidizing properties	Not Available

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Contact with moisture may generate enough heat to ignite surrounding combustible materials.

#### 10.2 Chemical stability

Stable

#### 10.3 Possibility of hazardous reactions

Not Available

#### 10.4 Conditions to avoid

Contact with incompatible materials.

#### 10.5 Incompatible materials

Water, acids, chlorinated hydrocarbons, metals and organic materials.

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

EYES: 50 mg/24H

DERMAL LD50: 500 mg/kg (rabbit)

##### Skin corrosion/irritation

Highly Corrosive To Skin

##### Serious eye damage/irritation

Highly Corrosive To Eyes

##### Respiratory or skin sensitization

Not Available

##### Germ cell mutagenicity

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Not Available

### **Carcinogenicity**

Not Available

### **Reproductive toxicity**

Not Available

### **STOT-single exposure**

Not Available

### **STOT-repeated exposure**

Not Available

### **Aspiration hazard**

Not Available

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## SECTION 12: Ecological information

### **Toxicity**

Not Available

### **Persistence and degradability**

Not Available

### **Bioaccumulative potential**

Not Available

### **Mobility in soil**

Not Available

### **Results of PBT and vPvB assessment**

Not 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**

Not Available

### **Sewage disposal**

Not Available

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## SECTION 14: Transport information

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### DOT (US)

UN Number: UN1823  
Class: 8  
Packing Group: II  
Proper Shipping Name: Sodium Hydroxide, Solid  
Reportable quantity (RQ):  
Marine pollutant:  
Poison inhalation hazard:

### IMDG

UN Number: UN1823  
Class: 8  
Packing Group: II  
EMS Number:  
Proper Shipping Name: Sodium Hydroxide, Solid

### IATA

UN Number: UN1823  
Class: 8  
Packing Group: II  
Proper Shipping Name: Sodium Hydroxide, Solid

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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: Sodium hydroxide  
CAS number: 1310-73-2

#### New Jersey Right To Know Components

Common name: SODIUM HYDROXIDE  
CAS number: 1310-73-2

#### Pennsylvania Right To Know Components

Chemical name: Sodium hydroxide  
CAS number: 1310-73-2

### HMIS Rating

Anodize & Chrome Stripper	
HEALTH	* 3
FLAMMABILITY	0
PHYSICAL HAZARD	2
PERSONAL PROTECTION	F

### NFPA Rating

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**SECTION 16: Other information**

**16.1 Further information/disclaimer**

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