



CASWELL INC

Safety Data Sheet Anodize & Chrome Stripper

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

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, Rinse mouth.
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.

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))

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

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

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.

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

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.

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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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

Hydroscopic White Powder

Odor

Mild

Odor threshold

Not Available

pH

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Melting point/freezing point	605°F
Initial boiling point and boiling range	2534°F
Flash point	Not Flammable
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

Other safety information

Product does not contain Volatile Organic Compounds

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.

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

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Highly Corrosive To Eyes

Respiratory or skin sensitization

Not Available

Germ cell mutagenicity

Not Available

Carcinogenicity

Not Available

Reproductive toxicity

Not Available

STOT-single exposure

Not Available

STOT-repeated exposure

Not Available

Aspiration hazard

Not Available

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

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

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Sewage disposal
Not Available

SECTION 14: Transport information

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

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

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NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

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