



CASWELL INC

Safety Data Sheet Plastic Plating Reducer

SECTION 1: Identification

1.1 Product identifier

Product name	Plastic Plating Reducer
Product number	PLR
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

PRODUCT SUPPLIED IN AUSTRALIA BY
CASWELL AUSTRALIA P/L

Factory1, 51 ELM PARK DRIVE
HOPPERS CROSSING 3029
VICTORIA

PHONE 03 9741 7103

EMERGENCY NUMBER 000

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

- Skin sensitizer (chapter 3.4), Cat. 1
- Carcinogenicity (chapter 3.6), Cat. 1A
- Toxic to reproduction (chapter 3.7), Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

Safety Data Sheet

Plastic Plating Reducer

H317	May cause an allergic skin reaction
H350	May cause cancer [route]
H360	May damage fertility or the unborn child [effect, route]

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see ... on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to ...
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.

SECTION 3: Composition/information on ingredients

3.1 Substances

Hazardous components

1. WATER OR OTHER NON-REPORTABLE INGREDIENTS

Concentration	99.8 - 99.9 %
CAS no.	7732-18-5

2. NICKEL (II) SULFATE

Concentration	0.01 - 0.02 % (weight)
EC no.	232-104-9
CAS no.	7786-81-4
Index no.	028-009-00-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.
In case of eye contact	Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection.
If swallowed	Drink water and induce vomiting.

Safety Data Sheet

Plastic Plating Reducer

Personal protective equipment for first-aid responders
None required

4.2 Most important symptoms/effects, acute and delayed

Product is not hazardous. No negative effects from exposure should be expected.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Any available

5.2 Specific hazards arising from the chemical

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Product is not hazardous. Clean up using available means.

6.2 Environmental precautions

None

6.3 Methods and materials for containment and cleaning up

Any

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. NICKEL (II) SULFATE (CAS: 7786-81-4)

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

Pictograms



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

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

Safety Data Sheet

Plastic Plating Reducer

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Pale Green Solution
Odor	None
Odor threshold	Not Established
pH	Not Established
Melting point/freezing point	Not Established
Initial boiling point and boiling range	212 deg F
Flash point	Not Flammable
Evaporation rate	Not Established
Flammability (solid, gas)	None
Upper/lower flammability limits	Not Established
Vapor pressure	Not Established
Vapor density	Not Established
Relative density	Not Established
Solubility(ies)	Fully In Water
Partition coefficient: n-octanol/water	Not Established
Auto-ignition temperature	n/a
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

Other safety information

VOC=0

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

None Known

10.4 Conditions to avoid

None Known

10.5 Incompatible materials

None Known

10.6 Hazardous decomposition products

None Known

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Not Established

Safety Data Sheet

Plastic Plating Reducer

Skin corrosion/irritation

Not Established

Serious eye damage/irritation

Not Established

Respiratory or skin sensitization

Not Established

Germ cell mutagenicity

Not Established

Carcinogenicity

Not Established

Reproductive toxicity

Not Established

STOT-single exposure

Not Established

STOT-repeated exposure

Not Established

Aspiration hazard

Not Established

SECTION 12: Ecological information

Toxicity

Not Established

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.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety Data Sheet

Plastic Plating Reducer

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

Massachusetts Right To Know Components

Chemical name: Nickel sulfate

CAS number: 7786-81-4

New Jersey Right To Know Components

Common name: NICKEL SULFATE

CAS number: 7786-81-4

Pennsylvania Right To Know Components

Chemical name: Sulfuric acid, nickel(2+) salt (1:1)

CAS number: 7786-81-4

California Prop. 65 components

Chemical name: NICKEL (II) SULFATE

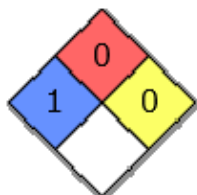
CAS number: 7786-81-4

05/07/2004 - Cancer

HMIS Rating

Plastic Plating Reducer	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Caswell Inc be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Caswell Inc has been advised of the possibility of such damages.