

Safety Data Sheet
Nickel Electroforming Part B

SECTION 1: Identification

1.1 Product identifier

Product name	Nickel Electroforming Part B
Product number	NEB
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

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture
- Toxic to reproduction (chapter 3.7), Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)
H360

May damage fertility or the unborn child

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Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Boric acid

Concentration	95 %
CAS no.	11113-50-1

2. Nickel (II) chloride

Concentration	5 %
CAS no.	7718-54-9

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. Move out of dangerous area.
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.
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	See section 8

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

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Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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 Established

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Not Established

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Boric acid (CAS: 11113-50-1)

TWA: 2mg/m³ (ACGIH)

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

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

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Wear chemical resistant gloves and clothing.

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	White Powder, Speckled With Green
Odor	Not Established
Odor threshold	Not Established
pH	5.1
Melting point/freezing point	Not Established
Initial boiling point and boiling range	Not Established
Flash point	Not Established
Evaporation rate	Not Established
Flammability (solid, gas)	Not Established
Upper/lower flammability limits	Not Established
Vapor pressure	Not Established
Vapor density	Not Established
Relative density	Not Established
Solubility(ies)	Not Established
Partition coefficient: n-octanol/water	Not Established
Auto-ignition temperature	Not Established
Decomposition temperature	Not Established
Viscosity	Not Established
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Not Established

10.4 Conditions to avoid

Not Established

10.5 Incompatible materials

Not Established

10.6 Hazardous decomposition products

Not Established

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SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Oral LD50: 2660 mg/kg (rat)

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

May impair fertility. May cause harm to unborn child.

STOT-single exposure

Not Established

STOT-repeated exposure

Not Established

Aspiration hazard

Not Established

SECTION 12: Ecological information

Toxicity

Not Established

Persistence and degradability

Not Established

Bioaccumulative potential

Not Established

Mobility in soil

Not Established

SECTION 13: Disposal considerations

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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

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

Massachusetts Right To Know Components

Chemical name: Nickel chloride

CAS number: 7718-54-9

New Jersey Right To Know Components

Common name: NICKEL CHLORIDE

CAS number: 7718-54-9

Pennsylvania Right To Know Components

Chemical name: Nickel chloride

CAS number: 7718-54-9

California Prop. 65 components

Chemical name: Nickel (II) chloride

CAS number: 7718-54-9

05/07/2004 - Cancer

HMIS Rating

Nickel Electroforming Part B	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	G

NFPA Rating

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SECTION 16: Other information

16.1 Further information/disclaimer

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