

MATERIAL SAFETY DATA SHEET



Date Issued: 09/21/2010
MSDS No: PTFEB

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: PTFE ELECTROLESS NICKEL PART B

MANUFACTURER

Caswell Inc
7696 Route 31
Lyons, NY 14489

Emergency Contact: Caswell Inc

Product Stewardship: 315 946 1213

Transportation: 800 424 9300

Service Number: 315 946 1213

Caswell Inc
7696 Route 31
Lyons, NY 14489
USA

Emergency Contact: Caswell Inc

Emergency Phone: +1 315 946 1213

Service Number: +1 315 946 1213

Transportation Number: +1 703 527 3887

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US TRANSPORTATION) - 1 800 424
9300

CHEMTREC (INTERNATIONAL - CALL COLLECT) -
1 703 527 3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health

Acute Toxicity (Oral), Category 5
Skin Corrosion, Category 3

GHS LABEL

WARNING	
03663CC3: May be harmful if swallowed	

PRECAUTIONARY STATEMENT(S)

Prevention:

P202: Do not handle until all safety precautions have been read and understood.

P103: Read label before use.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

POTENTIAL HEALTH EFFECTS

EYES: Causes severe skin and eye burns.

SKIN: Causes skin irritation.

INGESTION: Can burn mouth, throat and stomach.

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INHALATION: Irritating to the nose, throat and respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Sodium Hypophosphite	< 20	10039-56-2	
Ammonium Hydroxide	< 15	1336-21-6	215-647-6
Lead	< 0.002	7439-92-1	231-100-4

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: Not flammable

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

7. HANDLING AND STORAGE

HANDLING: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Ammonium Hydroxide	TWA	NL ppm ^[1]	NL mg/m ³ ^[1]	NL ppm	NL mg/m ³	NL ppm	NL mg/m ³
	STEL	NL ppm	NL mg/m ³	NL ppm	NL mg/m ³	NL ppm	NL mg/m ³
Footnotes:							
1. NL = Not Listed							

PERSONAL PROTECTIVE EQUIPMENT

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EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Wear gloves.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: Wear suitable protective clothing at all times.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slightly acetic

APPEARANCE: Clear, water white liquid

pH: 5.4 to 5.8

BOILING POINT: > (212°F)

SOLUBILITY IN WATER: Complete

DENSITY: 9.71

SPECIFIC GRAVITY: 1.156 to 1.172

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Excess heat

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may evolve toxic phosphine gas, oxides or phosphorus and various phosphoric acids.

INCOMPATIBLE MATERIALS: Strong oxidizers. Strong Acids.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Comply with all local, state and federal laws.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted by DOT

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Lead	7439-92-1

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TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

16. OTHER INFORMATION

REASON FOR ISSUE: New Product

APPROVED BY: L CASWELL

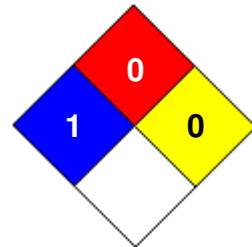
PREPARED BY: L CASWELL

REVISION SUMMARY: New MSDS

HMIS RATING

HEALTH:	<input type="checkbox"/>	1
FLAMMABILITY:	<input type="checkbox"/>	0
PHYSICAL HAZARD:	<input type="checkbox"/>	0
PERSONAL PROTECTION:	<input type="checkbox"/>	C

NFPA CODES



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