



OMG FIDELITY, INC.
 400 CORPORATE COURT, SUITE A
 SOUTH PLAINFIELD, NJ 07080

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ELECTROLESS NICKEL SOLUTION
PRODUCT CODE: 9002B

MANUFACTURING LOCATION:

OMG FIDELTY, INC.
 400 CORPORATE COURT, SUITE A
 SOUTH PLAINFIELD, NEW JERSEY 07080
 Phone Number: 1-908-222-5800
 Fax Number: 1-908-222-5801

DATE REVISED: 02/10/2006
DATE PRINTED: 02/10/2006

IN CASE OF EMERGENCY CONTACT:

Chemtrec: US: 1-800-424-9300 (24 hours a day, 7 days a week)
 Outside the US: + (703) 527-3887 (Collect calls accepted)

HMIS:

HEALTH: 1
 FLAMMABILITY: 0
 REACTIVITY: 0
 PERSONAL PROTECTION: X

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/CAS number	Percent	ACGIH TLV:	ACGIH Short Term Exposure Limit (STEL) value:	OSHA PEL:	OSHA Short Term Exposure Limit (STEL) value:	Units that the TWAs and STELs for ACGIH and OSHA are in:
New Jersey Trade Secret #9002B	Balance	NE	NE	NE	NE	
Water	<55	NE	NE	NE	NE	
7732-18-5 Sodium Hypophosphite	<16	NE	NE	NE	NE	
7681-53-0 Acetic Acid	<3	10 (25 mg/m3)	15 (37 mg/m3)	10 (25 mg/m3)	N/A	ppm
64-19-7						

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Yellow liquid. Slight acetic odor. May cause eye, skin and upper respiratory tract irritation. May be harmful if inhaled or swallowed.

EYE CONTACT:

May cause eye irritation.

SKIN CONTACT:

May cause skin irritation.

INGESTION:

May be harmful if swallowed.

INHALATION:

May be irritating to the respiratory tract.

4. FIRST AID MEASURES**EYES:**

Flush thoroughly with running water for at least 15 minutes, including under eyelids. CONTACT A PHYSICIAN IMMEDIATELY.

SKIN:

Immediately place the victim under water and flush the area with plenty of water for a minimum of 15 minutes. Remove contaminated clothing while under shower. CONTACT PHYSICIAN IMMEDIATELY.

INHALATION:

Remove to fresh air. Restore and/or support breathing as needed. CONTACT PHYSICIAN IMMEDIATELY.

INGESTION:

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water or milk to dilute stomach contents. Keep affected person warm and at rest. Get immediate medical attention.

MEDICAL CONDITIONS AGGRAVATED:

None known.

NOTE TO PHYSICIAN:

No specific antidote is known. Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical conditions.

5. FIRE FIGHTING MEASURES

FLASH POINT (° F)> 200

OSHA FLAMMABILITY CLASSIFICATION:

Combustible Liquid-Class III B

EXTINGUISHING MEDIA:

Use extinguishing media suitable for type of surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

EXPLOSION LIMITS IN AIR - LOWER (%)Unknown

EXPLOSION LIMITS IN AIR - UPPER (%)Unknown

AUTOIGNITION TEMP (° F)Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS:

May yield toxic oxides of phosphorous and phosphine gas.

6. ACCIDENTAL RELEASE MEASURES**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Absorb spill with inert material (eg: vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

7. HANDLING AND STORAGE**HANDLING:**

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use with adequate ventilation. Wash thoroughly after handling.

STORAGE:

Store in a cool, dry location away from incompatible materials. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING CONTROLS:**

Local and/or general exhaust is recommended to keep employee exposures as low as possible.

RESPIRATORY PROTECTION EQUIPMENT:

Wear NIOSH-approved respirator.

PROTECTIVE GLOVES:

Nbr nitrile. Butyl rubber. Neoprene. Chemical resistant gloves.

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EYE AND FACE PROTECTION:

Chemical safety splash goggles and/or full face shield.

OTHER PROTECTIVE EQUIPMENT:

Rubber apron, rubber boots are recommended.

VENTILATION:

Use local exhaust ventilation if dusting is a problem, to maintain air levels below the recommended exposure limits.

WORK/HYGEINIC PRACTICES:

Keep container closed at all times when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range/Point	> 212
Vapor Pressure	N/A
Vapor Density (AIR=1)	N/A
Freezing Point	N/D
Melting Point	N/D
Physical State	Liquid
Color	Yellow
% Volatile by Weight	N/A
% Volatile by Volume	N/A
Evaporation Rate (Butyl Acetate=1)	N/A
Specific Gravity @ 25°C	1.260
Weight per gallon	10.51 lbs
Product pH Range	5.50 - 5.70

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Unknown.

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:

Thermal decomposition may evolve toxic, flammable phosphine gas.

INCOMPATIBILITY (MATERIALS TO AVOID):

Contact with oxidizing agents.

CONDITIONS TO AVOID:

Excess Heat, moisture, incompatibles.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: This product is not listed as a carcinogen by IARC, NTP or OSHA.

ACUTE ORAL LD50: No data at this time.

ACUTE DERMAL LD50: No data at this time.

ACUTE INHALATION LC50: No data at this time.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

No data at this time.

CHEMICAL FATE INFORMATION:

No data at this time.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

None known.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Chemicals, NOI
DOT HAZARD CLASS: None
UN/NA NUMBER: None
DOT PACKING GROUP: None

AIR FREIGHT TRANSPORTATION: Chemical N.O.I.
OCEAN TRANSPORTATION: Chemical N.O.I.

15. REGULATORY INFORMATION

TSCA STATUS:

All components of this product are on the US TSCA Inventory.

CALIFORNIA PROPOSITION 65:

This product contains the following chemicals in trace amounts (less than 0.1%) which are known to the State of California to cause cancer or birth defects and are subject to the requirements of California Proposition 65:

Lead Acetate (301-04-2) Cancer

Cadmium And Cadmium Compounds Cancer

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE LIST:

This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substance List.

CLEAN AIR ACT S112 HAZARDOUS AIR POLLUTANTS:

Lead Compounds. Cadmium Compounds.

SARA (311, 312) HAZARD CLASS:

Acute health hazard.

SARA SECTION 313 TOXIC CHEMICALS:

None

AUSTRALIAN INVENTORY CHEMICAL SUBSTANCES:

Unknown at this time.

CANADIAN INVENTORY:

Unknown at this time.

EINECS REGULATIONS:

All components are on the European Inventory of Existing Commercial Chemical Substances (EINECS).

JAPAN:

All components are listed on the Japanese Existing and New Chemical Substances (ENCS).

KOREAN CHEMICAL INVENTORY:

All components are on the Korean List of Existing Chemical Substances.

16. OTHER INFORMATION

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:

The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

17. LABEL INFORMATION

SIGNAL WORD: CAUTION

TARGET ORGANS:

May cause eye, skin, or respiratory irritation. May be harmful if inhaled or swallowed.

EYES:

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SKIN:

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STORAGE:

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ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

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EXTINGUISHING MEDIA:

Use extinguishing media suitable for type of surrounding fire.

PERSONAL PROTECTIVE EQUIPMENT:

Use rubber gloves & boots. Safety goggles & face shield. Chemical cartridge respirator. Protective chemical clothing.