

UYEMURA INTERNATIONAL CORPORATION
MATERIAL SAFETY DATA SHEET

Product Name: Nimuden NPR-4-M

Revised: 6/07 **Revision:** D

MSDS code: 43-0004

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UIC urges each customer or recipient of this MSDS to study carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals that are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS.

To promote safe handling, each customer or recipient should: 1) Notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this MSDS and any other information regarding hazards or safety; 2) Furnish this same information to each of its customers for the product; and 3) Request its customers to notify their employees, customers, and other users of the product of this information.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 IDENTIFICATION

Product name: Nimuden NPR-4-M

Chemical name:

Chemical family: Aqueous solution containing organic and inorganic compounds

Formula: Not applicable

1.2 COMPANY IDENTIFICATION

Uyemura International Corporation
3990 Concours, Suite 425
Ontario, CA 91764
909-466-5635

240 Town Line Road
Southington, CT 06489
860-793-4011

1.3 EMERGENCY TELEPHONE NUMBER

24 hours a day: In case of spill, leak, exposure or accident- Call Chemtrec
1-800-424-9300 /+1-703-527-3887.

Number for non-emergency questions concerning MSDS (860)793-4011

Additional information on this product may be obtained by calling
(800)243-3564

2. COMPOSITION INFORMATION

Principal Hazardous Component(s)	CAS#	Amount (%)
Sodium hypophosphite	7681-53-0	15
Ammonium salt	N/A	less than 10

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3. HAZARD IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Appearance Colorless to light yellow

Physical state Liquid

Odor None

Hazards of product No dangerous reactions are known to occur with correct handling and storage.

3.2 POTENTIAL HEALTH EFFECTS

Effects of Single Acute Overexposure

This product may cause mild irritation to eyes and skin upon contact.

Chronic, Prolonged Exposure or Repeated Overexposure

CARCINOGENIC EFFECTS: Not available. **MUTAGENIC EFFECTS:** Not available.
TERATOGENIC EFFECTS: Not available. Toxicity of the product to the reproductive system: Not available. Repeated or prolonged exposure is not known to aggravate medical conditions.

3.3 POTENTIAL ENVIRONMENTAL EFFECTS

None known

4. FIRST AID PROCEDURES

SKIN AND EYES: On skin contact, rinse thoroughly with water. On eye contact, rinse thoroughly with plenty of water keeping eyelid open.

INHALATION: Bring affected person outside and ensure that he/she is comfortable.

INGESTION: Have patient drink plenty of water in small sips(for dilution)

5. FIRE FIGHTING MEASURES

Flash Point (Method used) :Non-Flammable **Flammable Limits** **Uel:**N/A

Extinguishing Media : all extinguishing media suitable **Lel:** N/A

Special Fire Fighting Procedures : None

Unusual Fire and Explosion Hazards : None known

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6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled : Liquid or solid spills should be responded to immediately. The spill, if liquid can be absorbed with an inert material; the solid spill can be swept or shoveled and put into a clean container/cover to ensure proper containment. All cleanup materials when contained must be labeled properly and stored in a safe place to await proper disposal. Persons performing the clean-up work should wear personal protective clothing and equipment.

7. HANDLING AND STORAGE

7.1 HANDLING

General Handling

Do not breathe vapor
Do not get in eyes, on skin, on clothing
Do not swallow
Keep container closed
Use with adequate ventilation
Wash thoroughly after handling
Prevent any penetration into the ground

NOT INTENDED FOR DRUG USE. FOR INDUSTRIAL USE ONLY.

Ventilation

General(mechanical ventilation is expected satisfactory where this product is stored and handled in closed equipment. Special, local ventilation is needed at points where vapors can be expected to escape to the workplace air.

Other Precautions

None

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with work place related limits to be monitored

None

Respiratory Protection (Specify type) : This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Ventilation

Local Exhaust : Local exhaust to keep dust and mist below exposure limits

Mechanical : General ventilation required.

Other :

Protective Gloves : PVC or PE gloves.

Eye Protection : Face shield and splash-proof safety goggles. Contact lens should not be worn.

Other Protective Equipment : Rubber apron or other impervious clothing

The usual precautionary measures for dealing with chemicals should be observed.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F) : 100°C **Specific Gravity (H₂O=1) :** 1.19
Melting Point: N/A
Vapor Pressure (mm Hg) : N/A **% Volatile by Volume :**N/A
Vapor Density (air=1) : N/A **Evaporation Rate :**N/A
Solubility in Water : Fully miscible **pH value:**5-6
Appearance and Odor : colorless to light yellow solution, no odor.

10. STABILITY AND REACTIVITY

Stability -- Stable **Condition to Avoid :** None
Incompatibility (Materials to avoid) : None known
Hazardous Decomposition Products : None
Hazardous Polymerization -- Can Not Occur

11. TOXICOLOGICAL INFORMATION

No results of animal experiments available

12. ECOLOGICAL INFORMATION

Ecotoxicological Information
No ecotoxicological studies are available

13. DISPOSAL CONSIDERATIONS

Dispose according to Federal, State and local regulations. Do not allow product to reach sewage system. Dispose of empty containers according to regulations.

14. TRANSPORT INFORMATION

Shipping Information

DOT

Proper Shipping Name: Chemical, N.O.I.

Hazard Class: Not Regulated

ID number:

DOT Labels:

Special Information

Packing Group:

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Reportable quantity:

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status: Reported/Included

HAZARDOUS CHEMICAL LISTS

SARA Extremely Hazardous Substance: No

CERCLA Hazardous Substance : No

SARA Toxic Chemical : No

Superfund Amendments and Reauthorization Act of 1986(SARA) Title III Sections 311 and 312

Delayed Hazard: No

Fire Hazard: No

Immediate Health Hazard: No

Reactive Hazard: No

This product contains the following EPCRA Section 313 chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372)

CAS#	Chemical name	Reportable Percent by weight
NA	Ammonium salt	less than 1 as dissociable ammonia

Canadian Regulations:

16 OTHER INFORMATION

HMIS Rating : Health (2), Flammability(0), Reactivity (0)

4= Extreme; 3= Severe; 2 = Moderate ; 1= Slight ; 0 =No known hazard

The information , recommendations and suggestions herein are believed to be reliable. However, it is the users responsibility to determine the safe handling and suitability for his/her use of the product described herein. Since the use by others is outside our control, no guarantee, expressed or implied, is made by Uyemura International Corporation as to the effects of such use, the results obtained or the safety and toxicity of the product nor does UIC per se assume any liability arising out of use , by others of the product referred to herein. Nor is the information herein to be construed as absolutely complete since more information may be desirable or necessary when particular or exceptional circumstances exist, or because of applicable laws or government regulations.

End of MSDS

