

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: NuRinse LF 12
Product Number: DRL110
CAS Number: Blend

Company Identification

NuGeneration Technologies, LLC
100 Professional Center Drive, Suite 101, Rohnert Park, CA 94928 USA
(707) 820-4080 (For product information)
1-800-424-9300 or 1-202-483-7616 (CHEMTREC - For emergencies)

SPECIAL NOTES:

This product is Biodegradable. This product contains NO Chelates.

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% NuRinse LF 1X

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Amount	CAS Number
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MONOETHANOLAMINE	<5.0 %	141-43-5

NON-HAZARDOUS COMPONENTS

Chemical Name	Amount	CAS Number
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NON-IONIC SURFACTANT BLEND	< 6.0 %	TRADESECRET

(See Section 8 for exposure guidelines)
(See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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* Prolonged or repeated contact may cause skin or eye *
* irritation. *
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HMIS Rating - Health: 2
Flammability: 0
Reactivity: 0
Personal Protection Index: C

NFPA Rating - Health: 2
Flammability: 0
Reactivity: 0
Special Hazard: None

POTENTIAL HEALTH EFFECTS

EYE:
Not expected to be an eye irritant.

SKIN:
Prolonged exposure may cause skin irritation.

INHALATION:
No known hazards in normal industrial use.

INGESTION:
Ingestion is not considered a potential route of exposure.

SIGNS AND SYMPTOMS OF EXPOSURE:
If exposed areas are flushed promptly and thoroughly with water, there should be little or no harm.

CARCINOGENICITY INFORMATION:
No known cancer hazards.

MISCELLANEOUS:
Slippery, can cause falls if walked on.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:
Flush eye with water for 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists.

INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen.

INGESTION FIRST AID:

Get medical attention immediately. Give victim a glass of water or milk. Do not induce vomiting.

STATEMENT OF PRACTICAL TREATMENT:

Always have plenty of water available for first aid.

NOTES TO PHYSICIAN:

Treat patient symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: None

TCC Flash Point: None

Auto-ignition Temperature: None

FLAMMABLE LIMITS IN AIR:

LEL: None

UEL: None

EXTINGUISHING MEDIA:

Will not burn.

FIRE & EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

FIRE FIGHTING INSTRUCTIONS:

Contact emergency personnel as necessary.

6. ACCIDENTAL RELEASE MEASURES

INITIAL CONTAINMENT:

Contain spilled material.

LARGE SPILLS PROCEDURE:

Wash area with soap and water.

SMALL SPILLS PROCEDURE:

Wash with water or absorb spills with inert material.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE

Minimum: 4.4 C (39.9 F) Maximum: 48.9 C (120.0 F)

HANDLING (PERSONNEL):

Avoid contact with eyes, skin, and clothing.

STORAGE PRECAUTIONS:

Keep from freezing. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

No special ventilation requirements.

EYE / FACE PROTECTION REQUIREMENTS:

When splashing of the material may occur, chemical goggles and a face shield are recommended.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

EXPOSURE GUIDELINES:

Monoethanolamine

OSHA TWA: 3 ppm

OSHA STEL: 6 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Colorless
ODOR: Mild
BOILING POINT: >212 F
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.045 (Water = 1)
BULK DENSITY: 8.72
MELTING/FREEZING POINT ...: 32 F
PH: 11.8-12.2
% VOLATILES: <5 %
PH (5% B.V.): 11.5 - 12.5

10. STABILITY AND REACTIVITY

STABILITY:
Stable.

POLYMERIZATION:
Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:
None known.

DECOMPOSITION:
Decomposition will not occur if handled and stored properly.

CONDITIONS TO AVOID:
This material is safe under normal storage and handling conditions.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:
Contact may cause eye irritation.

SKIN EFFECTS:
Contact may cause slight skin irritation.

ACUTE ORAL EFFECTS:
No known hazards in normal industrial use.

ACUTE INHALATION EFFECTS:
No known hazards in normal industrial use.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. For additional waste disposal information contact your local NuGenTec representative at (888) 99-NuGen.

CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.

CONTAINER DISPOSAL: Clean out containers prior to disposal.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL.....: NuRinse LF 1X
D.O.T. SHIPPING NAME.....: Cleaning Compound
TECHNICAL SHIPPING NAME...: N/A
D.O.T. HAZARD CLASS.....: Non-Hazardous
UN NUMBER.....: N/A
D.O.T. LABEL.....: NOBIN Non-Hazardous
D.O.T. PLACARD.....: N/A
BULK CLASS.....: N/A
PACKAGE CLASS.....: 55

15. REGULATORY INFORMATION

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

Prepared By.....: Donato Polignone
Approval Date.....: February 24, 2006
Supersedes Date...: February 19, 2003
PRD Number.....: DRL101 (Official Copy)

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of NuGeneration Technologies, LLC. The data on this sheet are related only to the specific material designated herein. NuGeneration Technologies, LLC assumes no legal responsibility for use or reliance upon these data.

END OF MSDS
