

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: AutoDishWash Liquid
Product Number: XXC108
CAS Number: Blend

Company Identification

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% AutoDishWash Liquid

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Amount	CAS Number
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Sodium HYDROXIDE	< 15.0 %	1310-73-2

NON-HAZARDOUS COMPONENTS

Chemical Name	Amount	CAS Number
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NONIONIC SURFACTANT BLEND	< 2.0 %	TRADESECRET
BALANCE NON-HAZARDOUS INGREDIENTS	> 83.0 %	N/A

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

HAZARDS DISCLOSURE

This product contains 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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* CAUTION *
*
* Corrosive material. Avoid eye contact. Can cause *
* skin/eye irritation and or burns. *
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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: Corrosive

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS

EYE:

Severely irritating to the eyes. May cause eye burns and permanent tissue damage.

SKIN:

Contact causes severe skin irritation and possible burns.

INHALATION:

Avoid breathing vapors or mists. May cause irritation of the upper respiratory passages.

INGESTION:

May be harmful if swallowed.

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:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT FIRST AID:

Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

INHALATION FIRST AID:

Not an expected route of exposure.

Remove from area of exposure. Seek immediate medical attention if respiratory irritation or distress continues.

INGESTION FIRST AID:

Get medical attention immediately. 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

Autoignition Temperature: None

FLAMMABLE LIMITS IN AIR

LEL: None

UEL: None

EXTINGUISHING MEDIA:

Will not burn.

FIRE & EXPLOSION HAZARDS:

Material will not burn.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Contain runoff water. Contaminated extinguishing water must be disposed of in accordance with applicable regulations.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure.

INITIAL CONTAINMENT:

Contain spilled material. Absorb spills with inert material. Floor may become slippery. Take up and place in secure closed containers. Wash area to prevent slipping.

LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Clean up spills immediately, observing precautions in Protective Equipment section. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

SMALL SPILLS PROCEDURE:

Wash with water or absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and

national requirements.

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.

HANDLING (PHYSICAL ASPECTS):

Keep container closed to avoid contamination.

STORAGE PRECAUTIONS:

Avoid extreme temperatures.

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. Use chemical splash goggles and face shield (ANSI Z87-1 or approved equivalent).

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contact. Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

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

MISCELLANEOUS:

Where an apron and protective clothing.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid
COLOR	Clear to Pale Yellow
ODOR	Mild
BOILING POINT	>212 F
SOLUBILITY IN WATER	Complete
SPECIFIC GRAVITY	1.105 (Water = 1)
BULK DENSITY	9.22
MELTING/FREEZING POINT	35 F
PH	13.3
% VOLATILES	0 %
VOLATILE ORGANIC COMPOUNDS (VOC) ...	0
PH (5% B.V.)	12.2

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Will react with acidic materials.

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:

Can cause severe eye irritation including burns.

SKIN EFFECTS:

Contact may cause skin irritation, rash or burns.

ACUTE ORAL EFFECTS:

May cause diarrhea and or vomiting along with tissue burns.

ACUTE INHALATION EFFECTS:

May be irritating if inhaled.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Dilute or neutralize with acid and discharge to an industrial sewage treatment facility. 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 or (209) 234-5930.

CONTAMINATED MATERIALS:

Wash contaminated clothing before reuse.

CONTAINER DISPOSAL:

Clean out containers prior to disposal.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: AutoDishWash Liquid
D.O.T. SHIPPING NAME: Corrosive
TECHNICAL SHIPPING NAME ...: Sodium Hydroxide based Alkaline Cleaner,
Liquid
D.O.T. HAZARD CLASS: Corrosive
UN NUMBER: 1760 Corrosive Liquid, NOS
PRODUCT RQ (LBS): 20,000
D.O.T. LABEL: Corrosive Liquid
D.O.T. PLACARD: #8
BULK CLASS: N/A
PACKAGE CLASS: 55

15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger: Corrosive (C)

R-Phrases: R36/38 - Irritating to eyes and skin.

S-Phrases: S24/25 - Avoid contact with skin and eyes.

WHMIS Hazard Symbols: Class E - Corrosive Material

Canadian Disclosure List: Potassium Hydroxide (1310-58-3)

CERCLA Hazardous Substances: Potassium Hydroxide (1310-58-3) -- RQ 1000 lb

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: May 29, 2007
SUPERCEDES DATE ...: July 30, 2002
PRD NUMBER: XXC108 (Official Copy)

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END OF MSDS
