

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PowerWash 1-4x Product #: GPR124 CAS Number: Blend
NuGeneration Technologies, LLC www.nugentec.com
 100 Professional Center Drive Suite 101,
 Rohnert Park, CA 94928 USA
 (707)820-4080 (product info)
 1-800-424-9300 or 1-202-483-7616 (CHEMTREC: For emergencies)

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NON-HAZARDOUS COMPONENTS: Chemical Name	Amount	CAS Number
SODIUM HYDROXIDE	< 1.0 %	1310-73-2
NON-IONIC SURFACTANT	< 10.0 %	68603-25-8
ANIONIC SURFACTANT	< 10.0 %	27177-77-1
SODIUM CARBONATE	< 15.0 %	497-19-8
SEQUESTERING AGENT	< 5.0 %	526-95-4
POTASSIUM GLUCONATE	< 20.0 %	35087-77-5

COMPOSITION COMMENT: Biodegradable Zero VOC product. No Amines or ammonia.
 HAZARDS DISCLOSURE: This product contains no 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

***** EMERGENCY OVERVIEW *****
 * WARNING *
 * CORROSIVE LIQUID. May cause skin and eye burns. *

HMIS/NFPA Rating:
 Health - 2, Flammability - 0, Reactivity - 0 Personal Protection Index - C
 NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme).

POTENTIAL HEALTH EFFECTS
 EYE: Contact may cause eye irritation. INGESTION: May be harmful if swallowed.
 SKIN: Prolonged or repeated contact may cause skin irritation.
 INHALATION: No know inhalation issues in normal industrial use.
 SIGNS AND SYMPTOMS OF EXPOSURE: Not expected to be a skin or eye irritant.
 CHRONIC EFFECTS: Prolonged/repeated contact may produce mild skin irritation.
 CARCINOGENICITY INFORMATION: No known cancer hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID: Flush eyes with plenty of water for at least 15 minutes.
 SKIN CONTACT FIRST AID: Wash skin with water and remove contaminated clothing.
 INHALATION FIRST AID: No know inhalation issues in normal industrial use.
 INGESTION FIRST AID: Get medical attention. Induce vomiting. Give water or Milk.
 STATEMENT OF PRACTICAL TREATMENT: Always have plenty of water available for first aid.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Autoignition Temp: None
 COC Flash Point: None TCC Flash Point: None
 FLAMMABLE LIMITS IN AIR: LEL: None; UEL: None EXTINGUISHING MEDIA: Will not burn.
 FIRE & EXPLOSION HAZARDS: Incinerating may create toxic decomposition products.

6. ACCIDENTAL RELEASE MEASURES

SPILLS PROCEDURE: Wash to waste treatment system with water. Or for large spills
 Absorb spill with inert material (dry sand), then place in a chemical waste container.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE Minimum: 4.4C (40F) Maximum: 48.9C (120F)
 SHELF LIFE(in original sealed containers): 5 years @ 4.4 C 3 years @ 48.9 C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation requirements.
EYE / FACE / SKIN / RESPIRATORY PROTECTION REQUIREMENTS: Not required in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid	COLOR: Light Red
ODOR: Mild	BOILING POINT: >212 F
SOLUBILITY IN WATER: Complete	SPECIFIC GRAVITY: 1.05 (Water = 1)
BULK DENSITY: 8.8	MELTING/FREEZING POINT: <35 F
PH: 13	PH @ 5%: 12.5
	VOC = ZERO

10. STABILITY AND REACTIVITY

STABILITY: Stable. POLYMERIZATION: Hazardous polymerization will not occur.
INCOMPATIBILITY WITH OTHER MATERIALS: Safe under normal usage conditions.
DECOMPOSITION: Decomposition will not occur if handled and stored properly.

11. TOXICOLOGICAL INFORMATION

EYE / SKIN EFFECTS: Contact may cause eye irritation.
ACUTE ORAL / INHALATION EFFECTS: No know 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.
CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.
CONTAINER DISPOSAL: Clean out containers prior to disposal.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: PowerWash 1-4x	PACKAGE CLASS: 55
D.O.T. SHIPPING NAME: Cleaning Compound	TECHNICAL SHIPPING NAME: N/A
D.O.T. HAZARD CLASS: Corrosive Liquid	UN NUMBER: UN1760
D.O.T. LABEL: Sodium hydroxide mixture	PRODUCT RQ (LBS): 100,000+
D.O.T. PLACARD: 8	BULK CLASS: N/A

15. REGULATORY INFORMATION

FDA (FOOD AND DRUG ADMINISTRATION): This Product Meets FDA/USDA requirements for cleaning in the food processing industry.
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). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

16. OTHER INFORMATION

PREPARED BY: Donato Polignone	PRD NUMBER: GPR124 (Official Copy)
APPROVAL DATE: June 5, 2007	SUPERCEDES DATE: April 30, 2001

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.

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