

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **NuRinse BR 430-HC**      Product Number: DRC144  
Synonyms: --      CAS Number: Blend

**NuGeneration Technologies, LLC**  
1155 Park Avenue, Emeryville, CA 94608 USA  
(707) 820-4080 (For product information)  
(800) 424-9300 or (202) 483-7616 (CHEMTREC: For emergencies)

**SPECIAL NOTES:** Biodegradable. This product contains NO Chelates, or Amines.

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

100.0% NuRinse BR 430-HC CONTAINING:  
HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
ETHYLENE GLYCOL MONOBUTYL ETHER	< 10.0 %	111-76-2

NON-HAZARDOUS COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
NON-IONIC SURFACTANT BLEND	< 15.0 %	68551-12-2
(Alkyl ethoxylates, biodegradable)	(typical)	
Anionic Surfactant	< 5.0 %	39464-70-5
(Organic phosphate ester, water soluble)	(typical)	
Balance non-hazardous ingredients - water	Balance	7732-18-5

(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.

**MISCELLANEOUS:** Contains ETHYLENE GLYCOL MONOBUTYL ETHER.

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW****CAUTION**

Alkaline Cleaning Compound

HMIS Rating    Health: 2  
                    Flammability: 0  
                    Reactivity: 0  
                    Personal Protection Index: C

NFPA Rating    Health: 2  
                    Flammability: 0  
                    Reactivity: 0  
                    Special Hazard: --

**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:** Contact causes severe eye irritation and or burns.**SKIN:** Contact may cause severe skin irritation and possible burns.**INHALATION:** No known hazards in normal industrial use.**INGESTION:** Ingestion is not considered a potential route of exposure. Can burn mouth, throat, and stomach.**SIGNS AND SYMPTOMS OF EXPOSURE:** If exposed areas are flushed promptly and thoroughly with water, there should be little or no harm.**CHRONIC EFFECTS:** Prolonged and/or repeated contact may produce mild to moderate skin irritation or inflammation and in some cases rashes or burns.**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.**COMBUSTION PRODUCTS:** Carbon Monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

## 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)

**SHELF LIFE:** (in original, sealed containers): 5 years @ 4.4°C 3 years @ 48.9°C

**HANDLING (PERSONNEL):** Avoid contact with eyes, skin, and clothing.

**STORAGE PRECAUTIONS:** Keep from freezing. Keep container closed when not in use.

**MISCELLANEOUS:** Do not stack over two pallets high.

## 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.

**MISCELLANEOUS:** Where an apron and protective clothing.

**EXPOSURE GUIDELINES:** No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM :..... Liquid  
COLOR:..... Colorless  
ODOR:..... Mild  
BOILING POINT:..... >212°F  
VAPOR DENSITY:..... >1 (Air = 1)  
SOLUBILITY IN WATER:..... Complete  
SPECIFIC GRAVITY:..... 1.045 (Water = 1)  
BULK DENSITY:..... 8.72  
MELTING/FREEZING POINT:..... 32°F  
pH:..... 12.0—12.5  
% VOLATILES:..... 10 %  
VOLATILE ORGANIC COMPOUNDS (VOC):..... 90 g/L  
pH (2% B.V.):..... 10.9 – 11.3



**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 know hazards in normal industrial use.

**ACUTE 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. 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 BR 430-HC  
D.O.T. SHIPPING NAME .....Compound, cleaning, liquid, NOBIN  
TECHNICAL SHIPPING NAME ....N/A  
D.O.T. HAZARD CLASS .....N/A  
UN NUMBER.....N/A  
PRODUCT RQ (LBS).....N/A  
D.O.T. LABEL .....NOBIN Non-Hazardous  
D.O.T. PLACARD .....N/A  
BULK CLASS .....N/A  
PACKAGE CLASS .....55

**MISCELLANEOUS:** Export Classification, organic surface active agents (other than soap), washing preparations and cleaning preparations, schedule B # 3402.90.5030.



**15. REGULATORY INFORMATION**

EEC Symbols and Indications of Danger: None  
SARA Title III - Section 313  
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)

**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  
APPROVAL DATE ..... October 26, 2010  
SUPERCEDES DATE ..... October 24, 2006  
PRD NUMBER ..... DRC144 (Official Copy)

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