



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION AND USE

**Product Identification:**

Product Name: ..... NuKlean WX 4  
Product Number: ..... GCA103  
CAS Number: ..... Blend

**Company Identification:**

NuGeneration Technologies, LLC [www.nugentec.com](http://www.nugentec.com)  
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)

### 2. HAZARDOUS INGREDIENTS

100.0% NuKlean WX 4  
CONTAINING:

**HAZARDOUS AND/OR REGULATED COMPONENTS**

Chemical Name	Amount	CAS Number
POLYHYDROXY ACID	< 3.0 %	77-92-9

**NON-HAZARDOUS COMPONENTS**

Chemical Name	Amount	CAS Number
NON-IONIC SURFACTANT BLEND	< 8.0 %	TRADESECRET
BALANCE NON-HAZARDOUS INGREDIENTS	> 89.0 %	N/A

**EXPOSURE GUIDELINES:** No Information Available.

**WHMIS Hazard Symbols:** None

**Canadian Disclosure List:** Polyhydroxy Acid (77-92-9)

### 3. PHYSICAL DATA

FORM..... Liquid  
COLOR..... Clear to Pale Yellow  
ODOR..... Mild  
BOILING POINT..... >212°F  
SOLUBILITY IN WATER..... Complete  
SPECIFIC GRAVITY..... 1.017 (Water = 1)  
BULK DENSITY..... 8.48  
MELTING/FREEZING POINT..... 32°F  
PH..... 3.0  
% VOLATILES..... 0 %  
PH @ 5%..... 3.3

**INHALATION:** No known hazards in normal industrial use.

**INGESTION:** Ingestion is not considered a potential route of exposure. No hazard in normal industrial use.

**SIGNS AND SYMPTOMS OF EXPOSURE:** If exposed areas are flushed promptly and thoroughly with water, there should be little or no harm. Long-term exposure may lead to rash or burn.

**REPRODUCTIVE HAZARDS:** No reproductive hazardous.

**CARCINOGENICITY INFORMATION:** No known cancer hazards.

**MISCELLANEOUS:** Slippery, can cause falls if walked on.

#### **4. FIRE AND EXPLOSION DATA**

##### **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:** Material will not burn.

**FIRE FIGHTING INSTRUCTIONS:** Contaminated extinguishing water must be disposed of in accordance with applicable regulations.

#### **5. REACTIVITY DATA**

**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.

#### **6. TOXICOLOGICAL PROPERTIES**

**EYE:** Contact may cause eye irritation.

**SKIN:** Prolonged or repeated skin contact may cause irritation.

**INHALATION:** No known hazards in normal industrial use.

**INGESTION:** Ingestion is not considered a potential route of exposure. No hazard in normal industrial use.

**SIGNS AND SYMPTOMS OF EXPOSURE:** If exposed areas are flushed promptly and thoroughly with water, there should be little or no harm. Long-term exposure may lead to rash or burn.

**REPRODUCTIVE HAZARDS:** No reproductive hazardous.

**CARCINOGENICITY INFORMATION:** No known cancer hazards.

**MISCELLANEOUS:** Slippery, can cause falls if walked on.

**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.

## **7. PREVENTITIVE MEASURES**

### **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. Do not store at temperatures above 49°C. Avoid temperatures above 2 00°C.

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

**SPECIAL SENSITIVITY:** Exposure of product to direct sunlight may lead to discoloration (darkening) but will not effect cleaning performance.

**ENGINEERING CONTROLS:** No special ventilation requirements.

**EYE / FACE PROTECTION REQUIREMENTS:** Where contact with this material is likely, eye protection is 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.

**SAFEGUARDS (PERSONNEL):** Protect skin and eyes from exposure.

**INITIAL CONTAINMENT:** Floor may become slippery. Contain spilled material.

**LARGE SPILLS PROCEDURE:** Forms smooth, slippery surfaces on floors, posing an accident risk. Flush spill area with water to wastewater treatment system. After removal, flush contaminated area thoroughly with water. *Or.* Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Always treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

**SMALL SPILLS PROCEDURE:** Floor may become slippery. Wash to waste treatment system or absorb spills with inert material and dispose of waste material in accordance with all local, state/provincial, and national requirements.

**WASTE DISPOSAL:** Dilute with water and discharge to an industrial sewage treatment facility. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Unclean empty containers should be disposed of in the same manner as the contents. 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. Containers should be triple rinsed prior to disposal.

## **8. 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. Do not induce vomiting.

**STATEMENT OF PRACTICAL TREATMENT:** Always have plenty of water available for first aid.

**NOTES TO PHYSICIAN:** Treat patient symptomatically.

## **9. PREPARATION DATE OF MSDS**

Prepared By:	Donato Polignone
Approval Date:	June 1, 2007
Supersedes Date:	August 12, 2004
PRD Number:	GCA103 (Official Copy)

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