



**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Identification**

Product Name: NuBrite B 23                      Product Number: SCB308  
Synonyms: NKBCR                                      CAS Number: Blend

**Company Identification**

NuGeneration Technologies, LLC  
100 Professional Center Drive, Suite 101  
Rohnert Park, CA 94928 USA  
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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS**

Chemical Name	Amount	CAS Number
Confidential Ingredient A	< 7.0 %	Trade Secret
MONOETHANOLAMINE	< 11.0 %	141-43-5

**NON-HAZARDOUS COMPONENTS**

Chemical Name	Amount	CAS Number
MIXED ALKYL ETHOXYLATES/ PROPOXYLATES	< 5.0 %	69227-22-1
NON-IONIC SURFACTANT BLEND	< 5.0 %	Trade Secret
BALANCE NON-HAZARDOUS INGREDIENTS	> 72.0 %	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 materials that are hazards.

**3. HAZARDS IDENTIFICATION**

<b>EMERGENCY OVERVIEW</b> <b>CAUTION</b> Can cause skin/eye irritation and or burns. Avoid eye contact. Avoid inhalation.
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**HMIS Rating -**      Health: 2  
                                    Flammability: 0  
                                    Reactivity: 0  
                                    Personal Protection Index: J

**NFPA Rating -**      Health: 2  
                                    Flammability: 0  
                                    Reactivity: 0  
                                    Special Hazard: N/A

**POTENTIAL HEALTH EFFECTS**

**EYE:** Can cause severe eye irritation.

**SKIN:** Contact may cause skin irritation.

**INHALATION:** Not expected to be a problem under normal use. Vapors and/or aerosols, which may be formed at elevated temperatures, may be irritating to eyes and respiratory tract.

**INGESTION:** Ingestion is not considered a potential route of exposure. May cause diarrhea, nausea, and abdominal cramps.

**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.

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

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

**4. FIRST AID MEASURES**

**EYE CONTACT FIRST AID:** After initial flushing, remove any contact lenses and continue flushing for at least 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.

**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES**

COC Flash Point: N/A                      Auto-ignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: N/A                      UEL: N/A

**EXTINGUISHING MEDIA:** Carbon dioxide, foam, or dry powder.

**FIRE & EXPLOSION HAZARDS:** Heating above 200°C or in fire conditions toxic decomposition products may be formed.

**FIRE FIGHTING INSTRUCTIONS:** 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. Wear appropriate personal protective equipment.

**INITIAL CONTAINMENT:** Floor may become slippery. Contain spilled material. Absorb spills with inert material. Allow material to solidify, and scrape up. Wash area to prevent slipping. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

**LARGE SPILLS PROCEDURE:** Clean up spills immediately, observing precautions in Protective Equipment section. Neutralize spill with a weak acid such as vinegar or acetic acid. Forms smooth, slippery surfaces on floors, posing an accident risk. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

**SMALL SPILLS PROCEDURE:** Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Floor may become slippery. 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):** Wash hands thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing.

**HANDLING (PHYSICAL ASPECTS):** Avoid mixing with strongly acidic solutions. Keep container closed to avoid contamination.

**STORAGE PRECAUTIONS:** Do not stack drums more than two pallets high. Keep from freezing. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.

**EYE / FACE PROTECTION REQUIREMENTS:** When splashing of the material may occur, chemical goggles and a face shield are recommended.

**SKIN PROTECTION REQUIREMENTS:** Wash hands thoroughly after handling. 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:**

Monoethanolamine      OSHA TWA: 3 ppm      OSHA STEL: 6 ppm

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM: .....Liquid  
COLORS: ..... Colorless, Pink, Red, WineRed  
ODOR: .....Mild odor  
BOILING POINT: .....212°F  
SOLUBILITY IN WATER: .....Complete  
SPECIFIC GRAVITY: .....1.05 (Water = 1)  
BULK DENSITY: .....8.76  
MELTING/FREEZING POINT: .....32°F  
pH: .....13.3  
% VOLATILES: .....<20 %  
VOLATILE ORGANIC COMPOUNDS (VOC): .....20  
pH (5% B.V.): .....12.3

## **10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**POLYMERIZATION:** Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Avoid contact with Acidic conditions.

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

**CONDITIONS TO AVOID:** This material is safe under normal storage and handling conditions. Avoid contact with this material and Aluminum or galvanized surfaces.

## **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.

Monoethanolamine

Test Code: Oral LD50      Species: Rats      Results: > 1090 mg/kg

**12. ECOLOGICAL INFORMATION**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Unclean empty containers should be disposed of in the same manner as the contents.  
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:** Containers should be triple rinsed prior to disposal.

**14. TRANSPORTATION INFORMATION****Domestic (Land, D.O.T.)****DOT (49CFR 172) - Domestic Ground Transport**

DOT Shipping Name: Consumer Commodity (not more than 1-gallon)

Hazard Class: ORM-D UN/ID Number: None Marine Pollutant: None

**IATA - International Transport**

Proper shipping Name: Consumer commodity (Not more than 1-gallon)

Class or Division: Class 9 UN/NA Number: UN-8000

**Bulk Shipments****Domestic (Land, D.O.T.)**

Proper Shipping Name: Corrosive Liquid (MONOETHANOLAMINE), UN1760, 8, PG III

Information reported for product/size: 500 lbs +

**International (Water, I.M.O.)**

Proper Shipping Name: Corrosive Liquid (MONOETHANOLAMINE), UN1760, 8, PG III

Information reported for product/size: 500 lbs +

**15. REGULATORY INFORMATION**

SARA Title III - Section 313 - Confidential Ingredient A

**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

PRD Number: SCB308 (Official Copy)

Approval Date:..... October 31, 2009

Supersedes Date: January 26, 2006

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