

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification  
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Product Name: NuBCR  
 Product Number: SCB501  
 Synonyms: NuBrite B 31  
 CAS Number: Blend

Company Identification  
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NuGeneration Technologies, LLC  
 7200 CE Dixon Street  
 Stockton, CA 95206 USA  
 (209) 234-5930 (For product information)  
 1-800-424-9300 or 1-202-483-7616 (CHEMTREC: For emergencies)

SPECIAL NOTES:  
 This product is Biodegradable.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% NuBCR

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name -----	Amount -----	CAS Number -----
DIETHYLENE GLYCOL N-BUTYL ETHER	< 5.0 %	112-34-5
MONOETHANOLAMINE	< 20.0 %	141-43-5

NON-HAZARDOUS COMPONENTS

Chemical Name -----	Amount -----	CAS Number -----
Confidential Ingredient A (anionic surfactant)	< 10.0 %	Trade Secret
NON-IONIC SURFACTANT BLEND	< 10.0 %	Trade Secret
LEMON FRAGRANCE	< 0.5 %	BLEND
SODIUM SILICATE	< 1.0 %	13472-30-5

(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 Monoethanolamine.

### 3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
*
* May cause skin or eye irritation or dryness. Avoid
* eye contact. Alkaline Cleaning compound. Avoid
* eye contact. Avoid inhalation. Can cause skin/eye
* irritation and or burns.
*
*****
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HMIS Rating - Health: 1  
Flammability: 0  
Reactivity: 0  
Personal Protection Index: B

NFPA Rating - Health: 1  
Flammability: 0  
Reactivity: 0  
Special Hazard: None

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.

SKIN:  
Contact may causes skin irritation.

INHALATION:  
No known hazards in normal industrial use.

INGESTION:  
Ingestion is not considered a potential route of exposure.

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

REPRODUCTIVE HAZARDS:  
No reproductive hazards.

CARCINOGENICITY INFORMATION:  
No known cancer hazards.

MISCELLANEOUS:  
Poses little or no immediate hazard. 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. Do not induce vomiting. Give milk or water.

### 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.

## 6. ACCIDENTAL RELEASE MEASURES

### SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

### INITIAL CONTAINMENT:

Contain spilled material. Floor may become slippery. Wash area to prevent slipping. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

### 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. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

**SMALL SPILLS PROCEDURE:**

Floor may become slippery. 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 prolonged contact with skin or eyes.

**HANDLING (PHYSICAL ASPECTS):**

Store in a cool dry area.

**STORAGE PRECAUTIONS:**

Keep from freezing. Keep container closed when not in use.

**MISCELLANEOUS:**

Do not stack over three pallets high.

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

**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.

**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  
COLOR .....: Dark Red/Purple  
ODOR .....: Mild

BOILING POINT .....: >212 F  
SOLUBILITY IN WATER .....: Complete  
SPECIFIC GRAVITY .....: 1.05 (Water = 1)  
BULK DENSITY .....: 8.75  
MELTING/FREEZING POINT ...: 32 F  
PH .....: 11.5  
PH @ 5% .....: 11.0

## 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 known hazards in normal industrial use.

ACUTE INHALATION EFFECTS:  
No known 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. Uncleaned 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.

## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL .....: NuBCR  
D.O.T. SHIPPING NAME .....: Cleaning Compound  
TECHNICAL SHIPPING NAME ...: Non-Regulated Material  
D.O.T. HAZARD CLASS .....: Non-Hazardous  
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  
WHMIS Hazard Symbols: None  
Canadian Disclosure List: Diethylene Glycol n-Butyl Ether (112-34-5)

### 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  
APPROVED BY .....: Milan Malek  
TITLE .....: VP Research & Development  
APPROVAL DATE .....: May 1, 2002  
SUPERCEDES DATE ...: February 24, 2002  
RTN NUMBER .....: 00000480 (Official Copy)

### 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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END OF MSDS  
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