

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

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Product Name: NuBrite B 17  
Product Number: SCB 103  
CAS Number: Blend

#### Company Identification

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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)

#### SPECIAL NOTES:

This product is 100% Biodegradable. This product contains NO Chelates.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% NuBrite B 17

#### CONTAINING:

#### HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Amount	CAS Number
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DIPROPYLENE GLYCOL MONOMETHYL ETHER	< 10.0 %	34590-94-8

#### NON-HAZARDOUS COMPONENTS

Chemical Name	Amount	CAS Number
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POTASSIUM PHOSPHONATE	< 5.0 %	TRADESECRET
NONIONIC SURFACTANT BLEND	< 5.0 %	TRADESECRET
BALANCE NON-HAZARDOUS INGREDIENTS	> 80.0 %	N/A

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### EXPOSURE GUIDELINES:

Dipropylene Glycol Monomethyl Ether  
OSHA PEL: 100 ppm, 600 mg/m<sup>3</sup>  
OSHA TWA: 100 ppm, 600 mg/m<sup>3</sup>

### 3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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* CAUTION
*
* Alkaline, liquid material. Can causes skin and eye
* irritation.
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*****
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**EYE:**

Contact may cause 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. May cause diarrhea, nausea, abdominal cramps.

**SIGNS AND SYMPTOMS OF EXPOSURE:**

If exposed areas are flushed promptly and thoroughly with water, there should be little or no harm.

**CARCINOGENICITY INFORMATION:**

No known cancer hazards.

**MISCELLANEOUS:**

Slippery, can cause falls if walked on. Otherwise, poses little or no immediate hazard.

## 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.

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.

NFPA Rating - Health: 1

Flammability: 0

Reactivity: 0

Special Hazard: None

FIRE & EXPLOSION HAZARDS:

Material will not burn.

FIRE FIGHTING INSTRUCTIONS:

Contaminated extinguishing water must be disposed of in accordance with applicable regulations. Avoid breathing smoke, fumes, and decomposition products.

## 6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure.

INITIAL CONTAINMENT:

Contain spilled material.

LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

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)

### HANDLING (PERSONNEL):

Avoid contact with eyes, skin, and clothing.

### STORAGE PRECAUTIONS:

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:

Wear protective gloves to minimize skin contamination.

### RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Liquid  
COLOR .....: Pale Yellow  
ODOR .....: Faint Odor  
BOILING POINT .....: >212 F  
SOLUBILITY IN WATER .....: Complete  
SPECIFIC GRAVITY .....: 1.05 (Water = 1)  
BULK DENSITY .....: 8.8  
MELTING/FREEZING POINT ...: 32 F  
PH .....: 10.8 - 11.0  
% VOLATILES .....: <10 %  
PH (5% B.V.) .....: 10.6 - 10.9

## 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 INHALATION EFFECTS:  
No known hazards in normal industrial use.

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

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:  
Dilute or neutralize with acid and discharge to an industrial sewage treatment facility. 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. TRANSPORT INFORMATION

PRODUCT LABEL .....: NuBrite B 17  
D.O.T. SHIPPING NAME .....: Cleaning Compound  
TECHNICAL SHIPPING NAME ...: N/A

