

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: NuSlice 5B Product #: WSB223 CAS Number: Blend  
**NuGeneration Technologies, LLC** [www.nugentec.com](http://www.nugentec.com)  
100 Professional Center Drive Suite 101, Rohnert Park, CA 94928 USA (707)820-4080 (product info)  
1-800-424-9300 or 1-202-483-7616 (CHEMTREC: For emergencies)

**2. COMPOSITION/INFORMATION ON INGREDIENTS:**

## HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
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<u>NON-HAZARDOUS COMPONENTS: Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
BIOCIDE/FUNGICIDE (NON-FORMALDEHYDE)	< 0.5 %	Trade-secret
PROPRIETARY LUBRICANT PACKAGE	< 10.0 %	Trade-secret
NON-IONIC SURFACTANT BLEND	< 6.0 %	68551-12-2
DI Water	> 83.5 %	7732-18-5

COMPOSITION COMMENT: Biodegradable with no chelates. Zero VOC Product. [Wafer Slicing and Dicing lubricant]

HAZARDS DISCLOSURE: This product contains no known 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.

**3. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: CAUTION Not expected to be a skin or eye irritant.
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HMIS/NFPA Rating: Health - 1, Flammability - 0, Reactivity - 0 Personal Protection Index - B  
NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme).

## POTENTIAL HEALTH EFFECTS

EYE: Contact may cause eye irritation. INGESTION: May be harmful if swallowed.

SKIN: Prolonged or repeated contact may cause skin irritation.

INHALATION: No known inhalation issues in normal industrial use.

SIGNS AND SYMPTOMS OF EXPOSURE: Not expected to be a skin or eye irritant.

CHRONIC EFFECTS: Prolonged/repeated contact may produce mild skin irritation.

CARCINOGENICITY INFORMATION: No known cancer hazards.

**4. FIRST AID MEASURES**

EYE CONTACT FIRST AID: Flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT FIRST AID: Wash skin with water and remove contaminated clothing. INHALATION FIRST AID:  
No known inhalation issues in normal industrial use. INGESTION FIRST AID: Get medical attention. Induce vomiting. Give water or Milk.

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

**5. FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES: Autoignition Temp: None

COC Flash Point: None TCC Flash Point: None

FLAMMABLE LIMITS IN AIR: LEL: None; UEL: None EXTINGUISHING MEDIA: Will not burn.

FIRE & EXPLOSION HAZARDS: Incinerating may create toxic decomposition products.

**6. ACCIDENTAL RELEASE MEASURES**

SPILLS PROCEDURE: Wash to waste treatment system with water. Or for large spills Absorb spill with inert material (dry sand), then place in a chemical waste container.

**7. HANDLING AND STORAGE**

RECOMMENDED STORAGE TEMPERATURE Minimum: 4.4C (40F) Maximum: 48.9C (120F)

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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

EYE PROTECTION REQUIREMENTS: Wear protective Glasses to minimize eye contact.

EYE / FACE / RESPIRATORY PROTECTION REQUIREMENTS: Not required in normal use.

SKIN PROTECTION REQUIREMENTS: Wear protective gloves to minimize skin contamination.

EXPOSURE GUIDELINES: N/A

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid

COLOR: Pale Yellow to Dark Orange

ODOR: Mild

BOILING POINT: >212 F

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: 1.036 (Water = 1)

BULK DENSITY: 8.64

MELTING/FREEZING POINT: <32 F

PH: 7.7

PH @ 5%: 7.4-8.2

VOC = ZERO

CONDUCTIVITY @ 5% (US/CM): 1,540

## 10. STABILITY AND REACTIVITY

STABILITY: Stable. POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: Safe under normal usage conditions.

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

## 11. TOXICOLOGICAL INFORMATION

EYE / SKIN EFFECTS: Contact may cause eye irritation.

ACUTE ORAL / 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.

CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.

CONTAINER DISPOSAL: Clean out containers prior to disposal.

## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL: NuSlice 5B

PACKAGE CLASS: 55

D.O.T. SHIPPING NAME: Cleaning Compound

TECHNICAL SHIPPING NAME: N/A

D.O.T. HAZARD CLASS: Non-Hazardous

UN NUMBER & D.O.T. PLACARD: N/A

D.O.T. LABEL: NOBIN Non-Hazardous

PRODUCT RQ (LBS): NA

## 15. REGULATORY 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

PRD NUMBER: WSB223 (Official Copy)

APPROVAL DATE: June 5, 2007

SUPERCEDES DATE: March 8, 2001

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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