

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

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Product Name: OvenBrite Product Number: GPS303  
Synonyms: Heavy Duty Degreaser and Burnt on carbon remover  
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:

For use as a cleaning compound in meat, poultry, dairy and food processing plants.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### COMPONENT LISTING:

Chemical Name	Amount	CAS Number
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SODIUM HYDROXIDE	< 20.0 %	1310-73-2
ANIONIC SURFACTANT	< 10.0 %	27177-77-1
NONIONIC SURFACTANT	< 5.0 %	68603-25-8
2-BUTOXYETHANOL	< 15.0 %	111-76-2
Propylene Glycol	< 15.0 %	55-57-6

(See Section 8 for exposure guidelines)  
(See Section 15 for regulatory information)

#### 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 \* \* \* \* \*  
\* \* \* \* \*  
\* Corrosive material. Avoid eye contact. Can causes \*  
\* skin and eye irritation. \*  
\* \* \* \* \*  
\*\*\*\*\*

HMIS Rating - Health: 3  
Flammability: 0  
Reactivity: 1  
Personal Protection Index: C



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.

FIRE FIGHTING INSTRUCTIONS:

Contaminated extinguishing water must be disposed of in accordance with applicable regulations.

## 6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure.

INITIAL CONTAINMENT:

Floor may become slippery. Contain spilled material. 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. Clean up spills immediately, observing precautions in Protective Equipment section. Neutralize spill with a weak acid such as vinegar or acetic acid. 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 dispose of in an approved sanitary landfill. 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 contact with eyes, skin, and clothing. Empty drums should be completely drained (triple rinsed), properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

**HANDLING (PHYSICAL ASPECTS):**

Keep container closed to avoid contamination.

**STORAGE PRECAUTIONS:**

Store in a cool dry place. Do not stack drums more than three pallets high. Store in a tightly closed container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**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 contact. Nitrile rubber and PVC are suitable protective materials; Neoprene is recommended. Wash hands thoroughly after handling.

**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:**

No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Liquid  
COLOR .....: Pale Yellow  
ODOR .....: Faint Odor  
BOILING POINT .....: >212 F  
SOLUBILITY IN WATER .....: Complete  
SPECIFIC GRAVITY .....: 1.379 (Water = 1)  
BULK DENSITY .....: 11.5  
MELTING/FREEZING POINT ...: 32 F  
PH .....: 13.8  
% VOLATILES .....: 15 %  
PH (5% B.V.) .....: 13.2

## 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable.

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

**INCOMPATIBILITY WITH OTHER MATERIALS:**  
May react with acidic materials and some non-ferrous metals.

**DECOMPOSITION:**  
Decomposition will not occur if handled and stored properly. Product may decompose at temperatures above 270°C and release carbon, nitrogen or oxides.

**CONDITIONS TO AVOID:**  
This material is safe under normal storage and handling conditions.

## 11. TOXICOLOGICAL INFORMATION

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

**SKIN EFFECTS:** Contact may cause 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:**  
Uncleaned empty containers should be disposed of in the same manner as the contents. Dilute or neutralize with acid and discharge to an industrial sewage treatment facility. Or bury in an approved sanitary landfill. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. 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 .....: OvenBrite  
D.O.T. SHIPPING NAME .....: Corrosive Liquid  
TECHNICAL SHIPPING NAME ...: Corrosive Liquid, NOS (Sodium Hydroxide)  
D.O.T. HAZARD CLASS .....: 8  
UN NUMBER .....: 1760 Corrosive Liquid, NOS  
PRODUCT RQ (LBS) .....: 25,000  
D.O.T. LABEL .....: Corrosive Liquid, Packing Group III  
D.O.T. PLACARD .....: #8  
BULK CLASS .....: N/A  
PACKAGE CLASS .....: 55, PG III

## 15. REGULATORY INFORMATION

FDA (FOOD AND DRUG ADMINISTRATION):

This Product Meets FDA/USDA requirements for cleaning in the food processing industry.

EEC Symbols and Indications of Danger:

Corrosive (C)

R-Phrases:

R35 - Causes severe burns.

S-Phrases:

S24/25 - Avoid contact with skin and eyes.

WHMIS Hazard Symbols:

Class E - Corrosive Material

Canadian Disclosure List

Sodium Hydroxide (1310-73-2)

2-butoxyethanol (111-76-2)

SARA Title III - Section 313

2-butoxyethanol (111-76-2)

CERCLA Hazardous Substances

Sodium Hydroxide (1310-73-2) -- RQ 1000 lb

SC Toxic Air Pollutants List

Sodium Hydroxide (1310-73-2)

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

APPROVAL DATE .....: June 5, 2007

SUPERCEDES DATE ...: March 04, 2003

PRD NUMBER .....: GPS303 (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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This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of NuGeneration Technologies, LLC. The data on this sheet are related only to the specific material designated herein. NuGeneration Technologies, LLC assumes no legal responsibility for use or reliance upon these data.

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END OF MSDS

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