



APR 15 2004

Division of Facilities Services

## DOD Hazardous Material Information (ANSI Format) For Cornell University Convenience Only

### PUREX BLEACH,HOUSEHOLD BLEACH

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### Section 1 - Product and Company Identification PUREX BLEACH,HOUSEHOLD BLEACH

**Product Identification:** PUREX BLEACH,HOUSEHOLD BLEACH  
**Date of MSDS:** 01/01/1987 **Technical Review Date:** 11/25/1998  
**FSC:** 6810 **NIIN:** 00-598-7316  
**Submitter:** GAW  
**Status Code:** C  
**MFN:** 01  
**Article:** N  
**Kit Part:** N

**Manufacturer's Information**

**Manufacturer's Name:** PURITAN-BENNETT CORP  
**Manufacturer's Address1:** 5235 S 9TH ST  
**Manufacturer's Address2:** LA GRANGE, IL 60525  
**Manufacturer's Country:** US  
**General Information Telephone:**  
**Emergency Telephone:** N/P  
**Emergency Telephone:** N/P  
**MSDS Preparer's Name:** N/P  
**Proprietary:** N  
**Reviewed:** Y  
**Published:** Y  
**CAGE:** 16827  
**Special Project Code:** N

**Item Description**

**Item Name:** SODIUM HYPOCHLORITE SOLUTION  
**Item Manager:** GSA  
**Specification Number:** AA-1427C  
**Type/Grade/Class:** N/K  
**Unit of Issue:** BX **Quantitative Expression:** 00000000006EA  
**Unit of Issue Quantity:** 6  
**Type of Container:** N/K

**Contractor Information**

**Contractor's Name:** PUREX CORP  
**Contractor's Address1:** 5101 CLARK AVE  
**Contractor's Address2:** LAKEWOOD, CA 90712-2604  
**Contractor's Telephone:** UNKNOWN  
**Contractor's CAGE:** 49309

**Contractor Information**

**Contractor's Name:** PURITAN-BENNETT CORPORATION  
**Contractor's Address1:** 10800 PFLUMM ROAD  
**Contractor's Address2:** SHAWNEE, KS 66215  
**Contractor's Telephone:** 913-649-5400  
**Contractor's CAGE:** 16827

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**Section 2 - Composition/Information on Ingredients**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Ingredient Name:** SODIUM HYPOCHLORITE SOLUTION  
**Ingredient CAS Number:** **Ingredient CAS Code:** X  
**RTECS Number:** HN3486300 **RTECS Code:** M  
**=WT:** =WT Code:  
**=Volume:** =Volume Code:  
**>WT:** >WT Code:

>Volume: >Volume Code:  
<WT: <WT Code:  
<Volume: <Volume Code:  
% Low WT: % Low WT Code:  
% High WT: % High WT Code:  
% Low Volume: % Low Volume Code:  
% High Volume: % High Volume Code:  
% Text: N/K  
% Enviromental Weight:  
Other REC Limits: N/P  
OSHA PEL: N/P OSHA PEL Code:  
OSHA STEL: OSHA STEL Code:  
ACGIH TLV: N/K ACGIH TLV Code: M  
ACGIH STEL: N/P ACGIH STEL Code:  
EPA Reporting Quantity:  
DOT Reporting Quantity:  
Ozone Depleting Chemical:

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**Section 3 - Hazards Identification, Including Emergency Overview**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Health Hazards Acute & Chronic:** N/P

**Signs & Symptoms of Overexposure:**  
N/P

**Medical Conditions Aggravated by Exposure:**  
N/P

**LD50 LC50 Mixture:** N/P

**Route of Entry Indicators:**  
Inhalation: N/P  
Skin: N/P  
Ingestion: N/P

**Carcenogenicity Indicators**  
NTP: N/P  
IARC: N/P  
OSHA: N/P

**Carcinogenicity Explanation:** N/P

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**Section 4 - First Aid Measures**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**First Aid:**  
IF ACCIDENTAL CONTACT WITH THE SKIN OR EYES OCCURS,THE AREA AFFECTED  
SHOULD BE THOROUGHLY RINSED WITH WATER.

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**Section 5 - Fire Fighting Measures**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Fire Fighting Procedures:**

N/P

**Unusual Fire or Explosion Hazard:**

N/P

**Extinguishing Media:**

N/P

**Flash Point: Flash Point Text: N/A**

**Autoignition Temperature:**

**Autoignition Temperature Text: N/A**

**Lower Limit(s):**

**Upper Limit(s):**

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**Section 6 - Accidental Release Measures**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Spill Release Procedures:**

IF MATERIAL IS RELEASED,OR SPILLED,IT SHOULD BE DILUTED WITH A CPOIOUS AMOUNT OF WATER AND THEN MOPPED UP.

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**Section 7 - Handling and Storage**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Handling and Storage Precautions:**

**Other Precautions:**

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**Section 8 - Exposure Controls & Personal Protection**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Repiratory Protection:**

N/P

**Ventilation:**

N/P

**Protective Gloves:**

N/P

**Eye Protection: N/P**

**Other Protective Equipment: N/P**

**Work Hygenic Practices: N/P**

**Supplemental Health & Safety Information: PER DLSC-TIR,AVAILABLE CHLORINE 5% MIN & LESS THAN 7.19%. MSDS NEEDED TO UPDATE THE DATA.**

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**Section 9 - Physical & Chemical Properties**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**HCC: B1**

**NRC/State License Number:**

**Net Property Weight for Ammo:**  
**Boiling Point: Boiling Point Text:** 217F  
**Melting/Freezing Point: Melting/Freezing Text:** N/A  
**Decomposition Point: Decomposition Text:** N/A  
**Vapor Pressure: 16 Vapor Density:** 19.2  
**Percent Volatile Organic Content:**  
**Specific Gravity:** 1.087  
**Volatile Organic Content Pounds per Gallon:**  
**pH:** N/P  
**Volatile Organic Content Grams per Liter:**  
**Viscosity:** N/P  
**Evaporation Weight and Reference:** <1  
**Solubility in Water:** COMPLETE  
**Appearance and Odor:** PALE YELLOW LIQUID WITH TYPICAL LIQUID BLEACH ODOR  
**Percent Volatiles by Volume:** 88  
**Corrosion Rate:** N/P

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**Section 10 - Stability & Reactivity Data**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Stability Indicator:** YES  
**Materials to Avoid:**  
ACIDS,AMMONIA,ORGANIC COMPOUNDS,HEAVY METALS AND SALTS THRRER  
**Stability Condition to Avoid:**  
N/P  
**Hazardous Decomposition Products:**  
CHLORINE,CHLORINE DIOXIDE,CHLOROAMINESS.  
**Hazardous Polymerization Indicator:** N/P  
**Conditions to Avoid Polymerization:**  
N/P

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**Section 11 - Toxicological Information**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Toxicological Information:**  
N/P

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**Section 12 - Ecological Information**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Ecological Information:**  
N/P

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**Section 13 - Disposal Considerations**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Waste Disposal Methods:**  
FLUSH WITH WATER TO SEWER.

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**Section 14 - MSDS Transport Information**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Transport Information:**

N/P

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**Section 15 - Regulatory Information**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**SARA Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

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**Section 16 - Other Information**  
**PUREX BLEACH,HOUSEHOLD BLEACH**

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**Other Information:**

N/P

**HMIS Transportation Information****Product Identification:** PUREX BLEACH,HOUSEHOLD BLEACH**Transportation ID Number:** 79080**Responsible Party CAGE:** 16827**Date MSDS Prepared:** 01/01/1987**Date MSDS Reviewed:** 08/14/1987**MFN:** 08/14/1987**Submitter:** G AW**Status Code:** C**Container Information****Unit of Issue:** BX**Container Quantity:** 6**Type of Container:** N/K**Net Unit Weight:** 9/666 LBS.**Article without MSDS:** N**Technical Entry NOS Shipping Number:****Radioactivity:****Form:****Net Explosive Weight:****Coast Guard Ammunition Code:****Magnetism:** N/P**AF MMAC Code:****DOD Exemption Number:****Limited Quantity Indicator:****Multiple Kit Number:** 0**Kit Indicator:** N**Kit Part Indicator:** N**Review Indicator:** Y**Additional Data:**

**Department of Transportation Information****DOT Proper Shipping Name:** HYPOCHLORITE SOLUTIONS**DOT PSN Code:** HNV**Symbols:****DOT PSN Modifier:** WITH MORE THAN 5 PER CENT BUT LESS THAN 16 PER CENT AVAILABLE CHLORINE**Hazard Class:** 8**UN ID Number:** UN1791**DOT Packaging Group:** III**Label:** CORROSIVE**Special Provision(s):** N34,T7**Packaging Exception:** 154**Non Bulk Packaging:** 203**Bulk Packaging:** 241**Maximum Quantity in Passenger Area:** 5 L**Maximum Quantity in Cargo Area:** 60 L**Stow in Vessel Requirements:** B**Requirements Water/Sp/Other:** 26**IMO Detail Information****IMO Proper Shipping Name:** HYPOCHLORITE SOLUTION**IMO PSN Code:** IKL**IMO PSN Modifier:****IMDG Page Number:** 8186**UN Number:** 1791**UN Hazard Class:** 8**IMO Packaging Group:** II/III**Subsidiary Risk Label:** -**EMS Number:** 8-08**Medical First Aid Guide Number:** 741**IATA Detail Information****IATA Proper Shipping Name:** HYPOCHLORITE SOLUTION +**IATA PSN Code:** NYC**IATA PSN Modifier:****IATA UN Id Number:** 1791**IATA UN Class:** 8**Subsidiary Risk Class:****UN Packaging Group:** III**IATA Label:** CORROSIVE**Packaging Note for Passengers:** 819**Maximum Quantity for Passengers:** 5L**Packaging Note for Cargo:** 821**Maximum Quantity for Cargo:** 60L**Exceptions:****AFI Detail Information****AFI Proper Shipping Name:** HYPOCHLORITE SOLUTIONS**AFI Symbols:****AFI PSN Code:** NYC**AFI PSN Modifier:** WITH MORE THAN 5% BUT LESS THAN 16% AVAILABLE CHLORINE**AFI UN Id Number:** UN1791**AFI Hazard Class:** 8**AFI Packing Group:** III

**AFI Label:**

**Special Provisions:** P5, N34

**Back Pack Reference:** A12.3

**HAZCOM Label Information**

**Product Identification:** PUREX BLEACH,HOUSEHOLD BLEACH

**CAGE:** 16827

**Assigned Individual:** N

**Company Name:** PURITAN-BENNETT CORPORATION

**Company PO Box:**

**Company Street Address1:** 10800 PFLUMM ROAD

**Company Street Address2:** SHAWNEE, KS 66215 US

**Health Emergency Telephone:**

**Label Required Indicator:** Y

**Date Label Reviewed:** 12/16/1998

**Status Code:** C

**Manufacturer's Label Number:**

**Date of Label:** 12/16/1998

**Year Procured:** N/K

**Organization Code:** F

**Chronic Hazard Indicator:** N/P

**Eye Protection Indicator:** N/P

**Skin Protection Indicator:** N/P

**Respiratory Protection Indicator:** N/P

**Signal Word:** N/P

**Health Hazard:**

**Contact Hazard:**

**Fire Hazard:**

**Reactivity Hazard:**

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