

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

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**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:** G AW

**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  
% Environmental 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

**Carcinogenicity 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.

IF INGESTION OF PRODUCT OCCURS, DO NOT INDUCE VOMITING; CONTACT A PHYSICIAN IMMEDIATELY.

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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 COPIOUS 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:**

KEEP OUT OF REACH OF CHILDREN. STORE IN COOL, DRY AREA AWAY FROM HEAT OR OPEN FLAME. DO NOT STORE AT TEMPERATURES ABOVE 120 DEGREES F OR BELOW 32 DEGREES F.

**Other Precautions:**

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

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**Respiratory Protection:**

N/P

**Ventilation:**

N/P

**Protective Gloves:**

N/P

**Eye Protection:** N/P

**Other Protective Equipment:** N/P

**Work Hygienic 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: 7.4  
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 THREER  
**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:**