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THE CLOROX -- CLOROX 2 - BLEACH, LAUNDRY
 MATERIAL SAFETY DATA SHEET

THE CLOROX

AS OF January 1999

NSN: 6850010141324

Manufacturer's CAGE: 93098

Part No. Indicator: B

Part Number/Trade Name: CLOROX 2

General Information

Item Name: BLEACH, LAUNDRY
 Company's Name: THE CLOROX CO
 Company's Street: 7200 JOHNSON DR
 Company's City: PLEASANTON
 Company's State: CA
 Company's Country: US
 Company's Zip Code: 94566
 Company's Emerg Ph #: 303-573-1014
 Company's Info Ph #: 415-847-6100
 Record No. For Safety Entry: 006
 Tot Safety Entries This Stk#: 007
 Status: SMJ
 Date MSDS Prepared: 01MAY90
 Safety Data Review Date: 21FEB95
 MSDS Serial Number: BWRCG
 Hazard Characteristic Code: NK

Ingredients/Identity Information

Proprietary: NO
 Ingredient: PERBORIC ACID, SODIUM SALT, TETRAHYDRATE; (SODIUM PERBORATE
 Ingredient Sequence Number: 01
 Percent: 5-25
 NIOSH (RTECS) Number: SC7350000
 CAS Number: 10486-00-7
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)

Proprietary: NO
 Ingredient: BACILLUS SUBTILIS BPN; (SUBTILISINS - PROTEOLYTIC) CONTAINING
 INGS 3 & 4
 Ingredient Sequence Number: 02
 Percent: 0.5-2
 NIOSH (RTECS) Number: CO9450000
 CAS Number: 1395-21-7
 OSHA PEL: C 0.00006 MG/M3
 ACGIH TLV: C 0.00006 MG/M3

Proprietary: NO
 Ingredient: ESPERASE (MFR INVALID CAS # 9072-77-2)
 Ingredient Sequence Number: 03
 NIOSH (RTECS) Number: 1012378EE
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)

Proprietary: NO
 Ingredient: BACILLUS SUBTILIS CARLSBERG; (SAVINASE)

Ingredient Sequence Number: 04
NIOSH (RTECS) Number: CO9550000
CAS Number: 9014-01-1
OSHA PEL: C, 0.00006 MG/M3
ACGIH TLV: C 0.00006 MG/M3

Proprietary: NO
Ingredient: AMYLASE ENZYME; (AMYLASE)
Ingredient Sequence Number: 05
Percent: <0.5
NIOSH (RTECS) Number: 1010333AE
CAS Number: 9000-90-2
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics

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Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.
Vapor Density (Air=1): 1.00
Evaporation Rate And Ref: NOT KNOWN
Solubility In Water: NOT KNOWN
pH: SUPDAT

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Fire and Explosion Hazard Data

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Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NOT FLAMMABLE OR EXPLOSIVE.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: REACTS WITH ACIDS TO FORM HEAT AND GASES.
Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: MODERATE EYE IRRITANT. HARMFUL IF SWALLOWED.
INHALATION OF LARGE QUANTITIES OF DUST MAY CAUSE SENSITIZATION.
SENSITIZATION SYMPTOMS MAY RANGE FROM HAY FEVER TO ASTHMA.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: NONE.
Emergency/First Aid Proc: SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD (FP N). EYE: FLUSH WITH WATER FOR @ LEAST 15 MINUTES. INGEST: DRINK GLASSFUL OF WATER & CALL PHYS. INHAL: REMOVE TO FRESH AIR IF BREATHING PROBLEMS DEVELOP. IF BREATHING PROBLEMS PERSIST, SEEK PROMPT MEDICAL ATTENTION.

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Precautions for Safe Handling and Use

Steps If Matl Released/Spill: RINSE WITH WATER. FLUSH SM QTYS (LESS THAN 2 LBS) DOWN DRAIN W/PLENTY OF WATER. FOR LARGER QTYS DISPOSE OF I/A/W LOCAL, STATE AND FEDERAL REGULATIONS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N).

Precautions-Handling/Storing: KEEP OUT OF REACH OF CHILDREN. AVOID MAKING DUST. STORE IN COOL, DRY AREA. KEEP AWAY FROM HEAT & ACIDS WHEN STORED IN LARGE QUANTITIES.

Other Precautions: AVOID SKIN AND EYE CONTACT AND INHALATION OF DUST.

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO DUST.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD SAFETY GLASSES (FP N).

Other Protective Equipment: ANSI APPRVD EMER EYE BATH & DELUGE SHOWER (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: PH:11.1 (1% SOLN).

Transportation Data

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 21FEB95

Label Date: 23FEB95

Label Status: G

Common Name: CLOROX 2

Chronic Hazard: NO

Signal Word: WARNING!

Acute Health Hazard-Moderate: X

Contact Hazard-Slight: X

Fire Hazard-None: X

Reactivity Hazard-None: X

Special Hazard Precautions: ACUTE:MODERATE EYE IRRITANT. HARMFUL IF SWALLOWED. INHALATION OF LARGE QUANTITIES OF DUST MAY CAUSE SENSITIZATION. SENSITIZATION SYMPTOMS MAY RANGE FROM HAY FEVER TO ASTHMA. CHRONIC:NONE LISTED BY MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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Label City: PLEASANTON

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Label Emergency Number: 303-573-1014