

**MATERIAL SAFETY DATA SHEET**

**Company Name:** THE CLOROX COMPANY  
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**City / State / Zip:** OAKLAND / CA / 94621  
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**US-CHEMTREC Phone(II):** (703)527-3887  
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**Vendor Update:** 1/1/1998  
**Date Prepared:** 11/14/2001  
**MSDS Number:** 10320 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** ARMOR ALL PROTECTANT  
**HMIS Ratings:**  
**NFPA Ratings:**

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

| Chemical Ingredients | C.A.S. Number  | % By Weight | ACGIH TLV<br>TWA/STEL | OSHA PEL<br>TWA/STEL | Other<br>TWA/STEL | LD50 | LC50 |
|----------------------|--|-------------|-----------------------|----------------------|-------------------|------|------|
| SILICONE EMULSION    | N/A  | 30-40%      |                       |                      |                   |      |      |
| <b>Notes</b>         | NONE OF THE INGREDIENTS IN THIS PRODUCT ARE ON THE IARC, NTP, OR OSHA CARCINOGEN LIST. |             |                       |                      |                   |      |      |

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** IRRITATING TO EYES.

**Skin:** IRRITATING TO SKIN.

**Signs and Symptoms of Exposure:** IRRITATING TO SKIN AND EYES. UNDER NORMAL CONSUMER USE AND CONDITIONS, THE LIKELIHOOD OF ADVERSE HEALTH EFFECTS IS LOW.

**IV. FIRST AID MEASURES**

**Eyes:** REMOVE CONTACT LENSES. FLUSH EYES THOROUGHLY WITH PLENTY OF WATER FOR 15 MINUTES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

**Skin:** WASH AREA WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

**Ingestion:** DRINK A GLASSFUL OF WATER. GET MEDICAL ATTENTION IF EFFECTS OCCUR.

**Inhalation:** IF BREATHING PROBLEMS OCCUR, REMOVE TO FRESH AIR.

**V. FIRE FIGHTING MEASURES**

**Fire Fighting Procedures:** WATER, WATER FOG, DRY CHEMICAL, FOAM OR CARBON DIOXIDE (CO2) FIRE EXTINGUISHERS.

**Other:** COMBUSTION: NON FLAMMABLE OR EXPLOSIVE. IF PRODUCT HAS UNDERGONE PARTIAL OR COMPLETE EVAPORATION, MAY BE COMBUSTIBLE.

**VI. ACCIDENTAL RELEASE MEASURES**

**Containment/Cleanup:** ABSORB AND CONTAINERIZE. WASH RESIDUAL DOWN TO SANITARY SEWER. CONTACT THE SANITARY TREATMENT FACILITY IN ADVANCE TO ASSURE ABILITY TO PROCESS WASHED DOWN MATERIAL. FOR SPILLS OF MULTIPLE PRODUCTS, RESPONDERS WOULD EVALUATE THE MSDS'S OF THE PRODUCTS FOR INCOMPATIBILITY WITH THIS PRODUCT.

**VII. HANDLING AND STORAGE**

**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Skin:** WASH HANDS WITH SOAP AND WATER AFTER USE.

**Engineering:** USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO VAPOR MISTS.

**Other:** AVOID EYE AND SKIN CONTACT AND INHALATION OF VAPOR OR MIST. KEEP OUT OF REACH OF CHILDREN.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** MILKY WHITE LIQUID

**Boiling Point:** 212°F/100°C

**pH:** 7

**Solubility in Water:** EASILY SOLUBLE

**Specific Gravity:** 1.00 @ 25°C (H<sub>2</sub>O=1)

**Physical State:** EVAPORATION RATE: .4 (BUTYL ACETATE=1)

**X. STABILITY AND REACTIVITY**

**Stability:** STABLE UNDER NORMAL USE AND CONDITIONS.

**XI. TOXICOLOGICAL INFORMATION**

**XII. ECOLOGICAL INFORMATION**

**XIII. DISPOSAL CONSIDERATIONS**

**Disposal Method:** DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

**XIV. TRANSPORT INFORMATION**

**D.O.T. Shipping Name:** NOT RESTRICTED

**XV. REGULATORY INFORMATION**

**TSCA Status:** ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

**EPA Sara Title III Chemical Listings:** PACKAGED PRODUCT IS NOT REPORTABLE UNDER SECTIONS 311/312. CONTAINS NO CHEMICALS REGULATED UNDER: CERLA SECTIONS 311, 312, 313, OR 304.

**XVI. OTHER INFORMATION**

**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.