

The Clorox Company 1221 Broadway Oakland, CA 94612

Material Safety Data Sheet

Tel. (510) 271-7000 roduct: ULTRA CLOROX REGULARBLEACH scription: CLEAR, LIGHT YELLOW LIQUID WITH A CHLORINE ODOR Other Designations Distributor Emergency Telephone Nos. For Medical Emergencies call: Laundry Bleach Clorox Sales Company (800) 446-1014 1221 Broadway For Transportation Emergencies Chemtrec Oakland, CA 94612 (800) 424-9300 Il Health Hazard Data III Hazardous Ingredients CORROSIVE to the eyes. May cause severe irritation or damage to eyes Ingredient Concentration Worker and skin. Harmful if swallowed; nausea, vomiting, and burning sensation of Exposure Limit the mouth and throat may occur. The following medical conditions may be Sodium hydroxide <0.2% 2 mg/m3 TLV-C aggravated by exposure to high concentrations of vapor or mist: heart CAS #1310-73-2 conditions, or chronic respiratory problems such as asthma, chronic bronchitis or obstructive lung disease. Some clinical reports suggest a low Sedium hypochiorite 6-7.35% · not established potential for skin sensitization upon exaggerated exposure to sodium CAS #7681-52-9 hypochlorite, particularly on damaged or irritated skin. Routine clinical tests conducted on Intact skin with Clorox Liquid Bleach found no sensitization in None of the ingredients in this product are on the IARC, OSHA or NTP the test subjects. No adverse health effects are expected with carcinogen lists. recommended use. TLV-C=Threshold Limit Value-Ceiling. The worker exposure limit should not be exceeded at any time. Source: ACGIH, 1997. FIRST AID: EYE CONTACT: Immediately flush eyes with water for 15 minutes. Contact a physician. INGESTION: Drink a glassful of water. DO NOT induce vomiting. Immediately contact a physician or Poison Control Center. SKIN CONTACT: Remove contaminated clothing. Flush skin with water. Contact a physician if irritation or discomfort persists. NHALATION: Remove from exposure to fresh air. IV Special Protection and Precautions V Transportation and Regulatory Data The following recommendations are given for production facilities and for U.S. DOT Hazard Class: Not restricted per 49 CFR 172.101(c)(12)(iv). other conditions and situations where there is increased potential for U.S. Proper Shipping Name: None accidental, large-scale, or prolonged exposure. IMDG: Not restricted per IMDG Code Page 40 Paragraph 2.3.1.3. IATA: Not restricted per IATA DGR special provision A3 and ICAO special Hygienic Practices: Wear safety glasses and nitrile, neoprene or butyl provision 223. rubber gloves. The availability of an eye wash and shower is recommended in a manufacturing environment. EPA - SARA TITLE III/CERCLA: Bottled product is not reportable under Engineering Controls: Use general ventilation to minimize exposure to Sections 311/312 and contains no chemicals reportable under Section 313. vapors. This product does contain chemicals (sodium hydroxide <0.2% and sodium Work Practices: Avoid eye and skin contact and inhalation of vapor or mist. hypochlorite <7.35%) that are regulated under Section 304/CERCLA. KEEP OUT OF REACH OF CHILDREN TSCA/DSL STATUS: All components of this product are on the U.S. TSCA Inventory and Canadian DSL. VI Spill Procedures/Waste Disposal VII Reactivity Data Spill Procedures: Control spill. Containerize liquid and use absorbents on Stable under normal use and storage conditions. Strong oxidizing agent. residual liquid; dispose appropriately. Wash area and let dry. For spills of Reacts with other household chemicals such as toilet bowl cleaners, rust multiple products, responders should evaluate the MSDS's of the products removers, vinegar, acids or ammonia containing products to produce for incompatibility with sodium hypochlorite. Breathing protection should be hazardous gases, such as chlorine and other chlorinated species. worn in enclosed, and/or poorly ventilated areas until hazard assessment is Prolonged contact with metal may cause pitting or discoloration. complete. Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations. VIII Fire and Explosion Data IX Physical Data Flash Point: None Boiling point.....approx. 212°F/100°C

Specific Gravity (H₂0=1)..... 1.1 at 70°F

Solubility in Watercomplete

pH~11.4

ecial Firefighting Procedures: None

Product does not Ignite when exposed to open-flame.

usual Fire/Explosion Hazards: None. Not flammable or explosive.