Product ID:BLEACH, LAUNDRY MSDS Date:07/11/1988 FSC:6850 NIIN:00-063-2842 **MSDS Number: BHFLJ** === Responsible Party === Company Name: INDUSTRIAL PACKAGING CO INC Address:RT 54 E Box:187 City:RIVERSIDE State:PA ZIP:17868 Country:US Info Phone Num:717-275-8650 Emergency Phone Num:717-275-8650 Preparer's Name: A. T. OSHISEH CAGE:62067 === Contractor Identification = == Company Name: INDUSTRIAL PACKAGING CO INC Address:RT 54 E Box:187 City:RIVERSIDE State:PA ZIP:17868 Country:US CAGE:62067 Ingred Name:1,3-DICHLORO-5,5-DIMETHYL HYDANTOIN CAS:118-52-5

RTECS #:MU0700000 Fraction by Wt: 24% OSHA PEL:0.2MG/M3/0.4STEL ACGIH TLV:0.2 MG/M3/0.4STEL;93

Ingred Name:NON-HAZARDOUS INGREDIENT Fraction by Wt: 24%

Ingred Name:SODIUM CHLORIDE (NON HAZARDOUS) CAS:7647-14-5 RTECS #:VZ4725000 Fraction by Wt : 52.0%

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:INHALATION: SEVERE IRRITATING. SKIN: SEVERE IRRITANT. INGESTION: MODERATELY TOXIC Effects of Overexposure: IRRITATION TO EYES, SKIN AND LUNG UPON INHALATION. Medical Cond Aggravated by Exposure: OVEREXPOSURE MAY CAUSE CORROSIVE TO SKIN & EYES. \_\_\_\_\_ First Aid: FLUSH THOROUGHLY WITH WATER IF BURNING OCCURS. IF BURNING CONTINUES GET IMMEDIATE ATTENTION BY A PHYSICIAN. TREAT SYMPTOMATICALLY. Flash Point:345.2F / 174C Extinguishing Media: FOAM, CO2 DRY CHEMICAL, WATER. Fire Fighting Procedures: TO MINIMIZE THE PROGRESSIVE GENERATION OF NOXIOUS GASES, FLOOD THE BURNING MATE RIAL WITH LARGE QUANTITIES OF WATER. Unusua I Fire/Explosion Hazard:STRONG OXIDIZING AND CORROSIVE CHEMICAL. Spill Release Procedures: AVOID ANY PROLONGED DIRECT CONTACT OR INHALATION IN CONFINED AREAS WITHOUT PROTECTIVE EQUIPMENT. Handling and Storage Precautions: STORE IN A COOL DRY PLACE, DO NOT GET INTO CONTACTWITH OIL OR AMMONIA. Other Precautions:NONE

======= Exposure Controls/Pers

onal Protection ========

Respiratory Protection:AVOID INHALATION. RESPIRATOR OR DUST MASK SUGGESTED. Ventilation:LOCAL: PREFERRED - MECHANICAL: NA - SPECIAL: NONE Protective Gloves:USE IMPERVIOUS GLOVES Eye Protection:USE CHEMICAL SAFETY GOGGLES Other Protective Equipment:SAFETY SHOWER AND EYE BATH. Work Hygienic Practices:AVOID UNNECESSARY EXPOSURE AND REMOVAL OF MATERIAL FROM EYES, SKIN PROMPTLY. Supplemental Safety and Health NK

================== Physical/Chemical Properties

\_\_\_\_\_

HCC:D1 Boiling Pt:B.P. Text:1465F Melt/Freeze Pt:M.P/F.P Text:200 Vapor Pres:2.4 Vapor Density:NA Spec Gravity:1.125 Evaporation Rate & amp; Reference:NA Solubility in Water:COMPLETE Appearance and Odor:CLEAN, (WHITE IN COLOR), UNIFORM, FREE FLOWING POWDER

Stability Indicator/Materials to Avoid:YES AVOID CONTACT WITH STRONG ACIDS AND ALKALIS. Stability Condition to Avoid:DO NOT GET MATERIAL IN DIRECT C ONTACT WITH OIL. Hazardous Decomposition Products:THERMAL DECOMPOSITION RELEASES UNIDENTIFIED GASES

Waste Disposal Methods:SCOOP OR PICK UP MAJORITY OF SPILLAGE. RESIDUE MAYBE WASHED AWAY. DISPOSE OF IN ACCORDANCE WITH ENVIRONMENTAL LAWS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.