Product ID:015 HEALTH CARE DISINFECTANT 15.5 OZ MSDS Date:03/16/1999 FSC:6840 NIIN:01-375-3795 Status Code:A **MSDS Number: CJJCK** === Responsible Party === Company Name: CLAIR MFG CO Address:500 VISTA **City:ADDISON** State:IL ZIP:60101 Country:US Info Phone Num:630-543-7600 **Emergency Phone Num:1-8** 00-228-5635 Preparer's Name: AMANDA ZPOUT CAGE:31834 === Contractor Identification === Company Name: CLAIR MFG CO Address:500 VISTA Box:City:ADDISON State:IL ZIP:60101 Country:US Phone:630-543-7600 CAGE:31834 Company Name: GABIEL SERVICE & SUPPLY CORP Contract Num:SP0450-99-M-NA44 CAGE:5X681

Ingred Name:ORTHO PHENYL PHENOL CAS:90-43-7 RTECS #:DV5775000 Minumum % Wt:.1 Maxumum % Wt:.5

Ingred Name: PARA TERTIARY AMYLPHENOL CAS: 80-

46-6 RTECS #:SM6825000 Minumum % Wt:0. Maxumum % Wt:.1

Ingred Name:SDA DENATURED ALCOHOL (MIXTURE WATER, ETHYL ALCOHOL CAS# 64-17-5, METHYL ALCOHOL CAS# 67-56-1) Minumum % Wt:40. Maxumum % Wt:55.

Ingred Name:SODIUM NITRITE CAS:7632-00-0 RTECS #:RA1225000 Minumum % Wt:.1 Maxumum % Wt:.5 EPA Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

Ingred Name:AMMONIUM HYDROXIDE CAS:1336-21-6 RTECS #:BQ9625000 Minumum % Wt:0. Maxumum % Wt:.5 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:LIQUEFIED PETROL EUM GAS CAS:68476-85-7 RTECS #:SE7545000 Minumum % Wt:25. Maxumum % Wt:30. OSHA PEL:1800 MG/M3;1000 PPM ACGIH TLV:1800 MG/M3;1000 PPM

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER. Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:RESPIRATORY IRRITATION. HIGH CONCENTRATIONS MAY LEAD TO DRYING, IRRITATION AND DERMATITIS. POS SIBLE SKIN ABSORPTION. EYE CONTACT MAY CAUSE BURNING AND IRRITATION.
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:RESPIRATORY IRRITATION. HIGH CONCENTRATIONS MAY LEAD TO DRYING, IRRITATION AND DERMATITIS. POSSIBLE SKIN ABSORPTION. EYE CONTACT MAY CAUSE BURNING AND IRRITATION.
Medical Cond Aggravated by Exposure:PREEXISTING SKIN OR EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING LIDS OPEN. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN-REMOVE CONTAMINATED CLOTHES. FLUSH WITH WATER FOLLOWED BY WASHING WITH SOAP & WATER. GE T MEDICAL ATTENTION IF IRRITATION PERSISTS. DO NOT REUSE CLOTHES UNTIL CLEANED. INHALATION-REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREA THING. GET MEDICAL ATTENTION. INGESTED-GE

MEDICAL ATTENTION.

Lower Limits:1.8

Upper Limits:9.2

Extinguishing Media:CARBON DIOXIDE, FOAM AND OR DRY CHEMICAL MAY BE USED.

Fire Fighting Procedures:CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESURE BUILD UP. USE EQUIPMENT OR SHIELDING AS REQUIRED TO PROTECT PERSONNEL FROM BURSTING, RUPTURING OR VENTING CONTAINERS.

Unusual Fire/Explosion Hazard: AT ELEVATED TEMPERATURES (OVER 54C-130F)

CONTAINERS MAY VENT OR BURST.

Spill Release Procedures:REMOVE ALL SOURCE OF IGNITION. VENTILATE AREA. SOAK UP WITH ABSORBENT AND PLACE IN A DESIGNATED DISPOSAL CONTAINER. CONSULT LOCAL REGULATORY AGENCY FOR PROPER DISPOSITION OF MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions: AVOID BRETHING VAPOR. K

EEP AWAY FROM HEAT AND FLAME. USE WITH ADEQUATE VENTILATION. DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT EXPOSE TO DIRECT SUNLIGHT OR STORE AT TEMPERATURES ABOVE 130F (54C). STORE AS LEVEL 2 AEROSOL (NFPA 306).

Other Precautions: READ AND FOLLOW DIRECTIONS ON THE PRODUCT LABEL.

====== Exposure Controls/Personal Protection ==========

Respiratory Protection: NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED . IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS(SEC. 11), USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSUREI Ventilation: LOCAL EXHUST IS ADAQUATE UNDER NORMAL CONDITIONS, MECHANICAL VENTILATION IS OPTIONAL. Protective Gloves: OPTIONAL CHEMICAL RESISTENT GLOVES. Eye Protection: CHEMICAL SAFETY GLASSES ARE RECOMMENDED. Other Protective Equipment: WEAR IMPERVIOUS CLOTHING TO PREVENT SKIN CONTACT. PROTECTIVE CLOTHING AND EQUIPMENT SHOULD BE IN ACCORDANCE WITH 29 CFR 1910.132 AND CFR 1910.133. Work Hygienic Practices: ENSURE STRICT SA NITARY CONDITIONS ARE CONFORMED TO WHEN WORKING AROUND CHEMICALS. Supplemental Safety and Health NONE SPECIFIED BY MANUFACTURER.

HCC:V3 Vapor Pres:125@130F Vapor Density:>1(AIR=1) Spec Gravity: