



**HANSON-LORAN COMPANY, INC.**  
**6700 CABALLERO BOULEVARD**  
**BUENA PARK CA 90620**

**03-15-07**

**HEALTH EMERGENCIES**  
**SPILL EMERGENCIES**  
**CALL CHEMTREC (800) 424-9300**

**MATERIAL SAFETY DATA SHEET**

**PRODUCT IDENTIFICATION:**

PRODUCT NAME: NEUTRAL DISINFECTANT CLEANER  
 HAZARDOUS MATERIAL CLASSIFICATION: NON HAZARDOUS  
 CHEMICAL FAMILY: NEUTRAL QUATERNARY DISENFECTANT CLEANER  
 FORMULA: BLEND

HAZARD RATING		SCALE
HEALTH	1	4 = EXTREME
FIRE	1	3 = HIGH
REACTIVITY	0	2 = MODERATE
SPECIAL	0	1 = SLIGHT
		0 = INSIGNIFICANT

**INGREDIENTS:**

CAS REGISTRY NO.	%V	CHEMICAL NAME	IN NTP, IARC OR OSHA		
			ACGIH(TLV)	OSHA(PEL)	OTHER
68424-95-3	6.51%	ALKYL DIMETHYL AMMONIUM CHLORIDE	NONE	NONE	NONE
68424-85-1	4.34%	ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	NONE	NONE	NONE

**PHYSICAL DATA:**

BOILING POINT: 212°F SPECIFIC GRAVITY: (H<sub>2</sub>O = 1) 0.99  
 VAPOR PRESSURE: 55mmHG @20°C. N/D PERCENT SOLID BY WEIGHT: 8%  
 PERCENT VOLATIVE BY WEIGHT: 90.0% EVAPORATION RATE (BUTYLACETATE=1): SLOWER THAN WATER  
 SOLUBILITY IN WATER: 100% pH: 7.0  
 VOC : 2.4  
 APPEARANCE AND ODOR: RED LIQUID WITH APPLE FRAGRANCE THIS MATERIAL IS: LIQUID

**FIRE AND EXPLOSION HAZARD DATA:**

FLASH POINT: CLOSED CUP: > 212°F (98.9°C) NONE TO BOIL (PENSKEY-MARTENS) ASTM #D-93  
 OPEN CUP: > 212°F (98.9°C) NONE TO BOIL (CLEVELAND) ASTM #D-92

EXTINGUISHING MEDIA: FIRE AND HEAT MAY DRY WATER LEAVING INGREDIENTS POSSIBLE TO BURN. USE FOAM, DRY CHEMICAL, CARBON DIOXIDE OR WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS APPROVED BY NIOSH.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE  
 NEUTRAL DISINFECTANT CLEANER

**HEALTH AND HAZARD DATA:**

EFFECTS OF OVER EXPOSURE (FOR EACH POTENTIAL ROUTE OF EXPOSURE):

- INHALED: AVOID PROLONGED BREATHING OF VAPOR.
  - SKIN: AVOID CONTACT WITH SKIN.
  - EYES: AVOID CONTACT WITH EYES. SEVERE IRRITANT TO EYES.
  - SWALLOWED: DO NOT SWALLOW.
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**HEALTH EFFECTS OR RISKS FROM EXPOSURE:**

- ACUTE: NO EVIDENCE OF ADVERSE EFFECTS.
  - CHRONIC: NO EVIDENCE OF ADVERSE EFFECTS.
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**RECOMMENDED FIRST AID PROCEDURES:**

- SKIN CONTACT: FLUSH WITH PLENY OF WATER.
  - EYE CONTACT: FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CALL A PHYSICIAN.
  - INHALATION: REMOVE VICTIM TO FRESH AIR. IF VOMITING, CALL A PHYSICIAN.
  - SWALLOWED: DRINK PROMPTLY LARGE QUANTITIES OF MILK, EGG WHITE, GELATIN SOLUTION, OR IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY.
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**REACTIVITY DATA:**

- STABILITY: STABLE
  - CONDITIONS TO AVOID: NONE
  - INCOMPATIBILITY (MATERIALS TO AVOID): CONCENTRATED OXIDIZING AGENTS
  - HAZARDOUS DECOMPOSITION PRODUCTS: NONE
  - HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
  - CONDITIONS TO AVOID: NONE
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**CALIFORNIA PROPOSITION 65**

**HAZARDOUS SUBSTANCE <=>1%**

<u>CHEMICAL</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
ETHANOL	64-17-5	1000 PPM

**NEUTRAL DISINFECTANT CLEANER**

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**SPILL OR LEAK PROCEDURES:**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: KEEP UNNECESSARY PEOPLE AWAY. DIKE AND CONTAIN SPILL AND TRANSFER THE LIQUID TO CONTAINERS FOR RECOVERY. FLOOR MAY BE SLIPPERY.**

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**WASTE DISPOSAL METHOD:**

**DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO LAKES, STREAMS, PONDS ESTUARIES, OCEANS OR OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND THE PERMITTING AUTHORITY HAS BEEN NOTIFIED IN WRITING PRIOR TO DISCHARGE. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT TO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE LOCAL SEWAGE TREATMENT PLANT AUTHORITY, CONTAINS NO PHOSPHOURS.**

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**CERCLA (Superfund) REPORTABLE QUANTITY (IN LBS.): NONE**

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**RCRA HAZARDOUS WASTE NO. (49 CFR 261.33): NONE**

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**SPECIAL PROTECTION INFORMATION:**

<b>RESPIRATORY PROTECTION (SPECIFY TYPE):</b>	<b>NONE</b>
<b>VENTILATION:</b>	<b>LOCAL VENTILLATION</b>
<b>PROTECTIVE GLOVES:</b>	<b>NONE</b>
<b>EYE PROTECTION:</b>	<b>NONE</b>
<b>OTHER PROTECTIVE EQUIPMENT:</b>	<b>NONE</b>

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**SPECIAL PRECAUTIONS:**

**FOR HANDLING AND STORAGE: DO NOT CONTAMINATE WATER, FOOD OR FEE DBY STORAGE OR DISPOSTAL. STORE IN A DRY PLACE NO LOWER IN TEMPERATURE THAN 50° F OR HIGHER THATN 120° F.**

**CONTAINER DISPOSAL: DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE EMPTY CONTAINER WITH WATER. RETURN METAL DRUM THEN OFFER FOR RECONDITIONING FOR PUNCTURE AND DISPOSE IN A SANITARY LANDFILL, OR BY OTHER PROCEDURES APPROVED BY STATE AND LOCAL AUTHORITIES. PLASTIC CONTAINERS MAY BE DISPOSED OF IN A SANITARY LANDFILL INCINERATED, OR IF ALLOWED BY LOCAL AUTHORITIES, BY BURNING. IF BURNED, STAY OUT OF SMOKE.**

**FOR CONTAINER: 1 GALLON OR LESS: DO NOT REUSE CONTAINER (BOTTLE, CAN OR BUCKET) WRAP CONTAINER AND PUT IN TRASH.**

**PESTICIDE DISPOSAL PESTICIDES WASTES ARE ACUTELY HAZARDOUS. IMPROPER DISPOSAL OF EXCESS PESTICIDE, SPRAY MIXTURE OR RINSTATE IS A VIOLATION OF FEDERAL LAW. IF THESE WASTES CAN NOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS CONTACT YOUR STATE PESTICIDES OR ENVIRONMENTAL CONTRAL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.**

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