

**Section 1. PRODUCT AND COMPANY IDENTIFICATION \*\*\*\*\*****NAME: HOSPITAL DISINFECTANT CLEANER****USE:** DISINFECTANT CLEANER**LABEL ID: RENOWN****MSDS # 3733293 CODE # REN02940, REN02941**

MEDICAL EMERGENCY #: 1-800-851-7145 EXT. 075 USA (24/7)

SPILL EMERGENCY #: 1-800-424-9300 USA (24/7)

PRODUCT INFORMATION #: 1-888-468-1555

(8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)

INTERNET ADDRESS: www.amsan.com

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**Section 2. HAZARDS IDENTIFICATION \*\*\*\*\*****EMERGENCY OVERVIEW:**

DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS.

HARMFUL IF INHALED, SWALLOWED OR ABSORBED THROUGH SKIN..

**PRINCIPLE ROUTES OF EXPOSURE:** EYES, SKIN, INGESTION, INHALATION.**POTENTIAL ACUTE HEALTH EFFECTS****EYES:** CORROSIVE. CAUSES EYE BURNS. MAY CAUSE PERMANENT DAMAGE INCLUDING BLINDNESS WITHOUT IMMEDIATE FIRST AID TREATMENT.**SKIN:** CORROSIVE. CAUSES SKIN BURNS. MAY CAUSE PERMANENT DAMAGE.**INHALATION:** CORROSIVE. INHALATION OF MISTS MAY CAUSE CORROSIVE EFFECTS TO NOSE, THROAT, AND RESPIRATORY SYSTEM.**INGESTION:** CORROSIVE. MAY CAUSE BURNS TO MOUTH, THROAT AND STOMACH.**MEDICAL CONDITIONS AGGRAVATED:** INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS SUCH AS ASTHMA, CHRONIC BRONCHITIS, EMPHYSEMA, ETC., MAY BE MORE SUSCEPTABLE TO IRRITATING EFFECTS.**Section 3. COMPOSITION / INFORMATION ON INGREDIENTS \*\*\*\*\***

HAZARDOUS INGREDIENT	CAS #	% BY WT	LC50/LD50
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	8.704	N.AV.
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68424-85-1	8.190	N.AV.

STATE RIGHT TO KNOW: EPA EXEMPT

**Section 4. FIRST AID MEASURES \*\*\*\*\*** Page 2 of 4

**EYES:** HOLD EYE OPEN AND RINSE SLOWLY AND GENTLY WITH WATER FOR 15 TO 20 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AFTER THE FIRST 5 MINUTES, THEN CONTINUE RINSING EYE.

**SKIN:** TAKE OFF CONTAMINATED CLOTHING. RINSE SKIN IMMEDIATELY WITH PLENTY OF WATER FOR 15 TO 20 MINUTES.

**INHALATION:** MOVE PERSON TO FRESH AIR. IF PERSON IS NOT BREATHING, CALL 911 OR AN AMBULANCE, THEN GIVE ARTIFICIAL RESPIRATION.

**INGESTION:** CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE. HAVE PERSON SIP A GLASS OF WATER IF ABLE TO SWALLOW. DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY THE POISON CONTROL CENTER OR DOCTOR. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-851-7145 EXT. 075 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.**

**NOTE TO PHYSICIAN:** CALL 1-800-851-7145 EXT. 075 FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES.

**Section 5. FIRE-FIGHTING MEASURES \*\*\*\*\***

**FLAMMABILITY:** THIS AQUEOUS SOLUTION CONTAINS AN ALCOHOL AND DOES NOT SUSTAIN COMBUSTION.

**FLASH POINT:** 187°F CLOSED CUP

**PRODUCTS OF COMBUSTION:** SEE SECTION 10.

**SUITABLE EXTINGUISHING MEDIA:** FOR FIRES IN AREA, USE APPROPRIATE MEDIA. FOR EXAMPLE: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM.

**SPECIFIC HAZARDS:** CORROSIVE MATERIAL.

**SPECIFIC METHODS:** NORMAL FIRE FIGHTING PROCEDURES MAY BE USED.

**Section 6. ACCIDENTAL RELEASE MEASURES \*\*\*\*\***

**PERSONAL PRECAUTIONS:** PUT ON PERSONAL PROTECTIVE EQUIPMENT. SEE SECTION 8.

**SPILL RESPONSE:** EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PROPER PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. VENTILATE AREA IF NEEDED.

STOP LEAK IF YOU CAN DO SO WITHOUT RISK. DIKE OR DAM LARGE SPILLS.

AVOID DIRECT DISCHARGE TO SEWER AND SURFACE WATERS. PUMP OR SCOOP TO CONTAINER OR SOAK UP WITH NON-COMBUSTIBLE INERT ABSORBENT MATERIALS. AFTER SPILL COLLECTION, RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.

BE CAREFUL AS SPILLS ARE SLIPPERY.

**Section 7. HANDLING AND STORAGE \*\*\*\*\***

**HANDLING:** FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES.

AVOID INHALATION, INGESTION, AND CONTACT WITH SKIN, EYES AND CLOTHING.

DO NOT TASTE OR SWALLOW. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. PRODUCT RESIDUE MAY REMAIN IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

**STORAGE:** ROTATE STOCK REGULARLY. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID TEMPERATURES BELOW 35°F OR ABOVE 120°F. PROTECT FROM FREEZING. STORAGE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT IS RECOMMENDED. KEEP AWAY FROM FOOD AND DRINK. KEEP OUT OF CHILDREN'S REACH.

**Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION \*\*\*Page 3 of 4**

**EXPOSURE LIMITS:** N.A.V.

**ENGINEERING CONTROLS:** NONE REQUIRED. GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.

**PERSONAL PROTECTION**

**EYES:** SPLASH PROOF SAFETY GLASSES, SAFETY GOGGLES AND AN EYE WASH STATION.

**HANDS:** CHEMICAL RESISTANT GLOVES: RUBBER OR NEOPRENE. LONG TYPE IF NEEDED.

**RESPIRATORY:** NOT REQUIRED.

**FEET:** TYPICALLY NOT NEEDED. WEAR BOOTS DURING SPILL CLEAN-UP.

**BODY:** IF MAJOR EXPOSURE IS POSSIBLE, WEAR SUITABLE PROTECTIVE CLOTHING AND FOOTWARE.

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*\***

**COLOR:** YELLOW

**ODOR :** LEMON

**pH CONCENTRATE:** 10.3

**pH @ 2500 PPM SOLUTION:** N.AP.

**pH @ USE DILUTION:** N.AP.

**PHYSICAL STATE:** LIQUID

**SPECIFIC GRAVITY:** 1.000

**VISCOSITY:** NON-VISCOUS

**BOILING POINT:** N.AP.

**MELTING POINT:** N.AP.

**FLASH POINT:** N.AP.

**UEL:** N.AP.

**LEL:** N.AP.

**EVAPORATION RATE:** N.AP.

**ODOR THRESHOLD:** N.AP

**VAPOR PRESSURE:** N.AP

**VAPOR DENSITY:** N. AP.

**COEFF. OIL/WATER:** N.AP.

**WATER SOLUBILITY:** COMPLETE

**OTHER:** N.AP.

**Section 10. STABILITY AND REACTIVITY \*\*\*\*\***

**STABLE:** YES

**CONDITIONS TO AVOID:** AVOID TEMPERATURES BELOW 35°F OR ABOVE 120°F.

**MATERIALS TO AVOID:** AVOID MIXING DIRECTLY WITH ANY OTHER CLEANING PRODUCT. AVOID ACIDS, BASES AND BLEACH. MIX ONLY WITH WATER.

**DECOMPOSITION PRODUCTS:** FIRE OR MIXING WITH INCOMPATIBLE MATERIALS MAY PRODUCE OXIDES OF CARBON AND OTHER FUMES.

**POSSIBILITY OF HAZARDOUS REACTIONS:** AVOID MIXING WITH ACIDS, BASES AND BLEACH.

**Section 11. TOXICOLOGICAL INFORMATION \*\*\*\*\***

**ACUTE EFFECTS:** CORROSIVE. SEE SECTION 2.

**CHRONIC EFFECTS:** NONE KNOWN. NO REPORTABLE CARCINOGENS, MUTAGENS, SENSITIZERS, SYNERGISTIC MATERIALS, TERATOGENS, OR REPRODUCTIVE TOXINS.

**LC50/LD50:** N.A.V.

**TARGET ORGANS:** EYES, SKIN, RESPIRATORY SYSTEM.

**OTHER TOXIC EFFECTS:** NONE KNOWN.

**Section 12. ECOLOGICAL INFORMATION \*\*\*\*\*** Page 4 of 4

NOT AVAILABLE.

**Section 13. DISPOSAL CONSIDERATIONS\*\*\*\*\***

**DISPOSAL METHOD:** UNDILUTED PRODUCT IS REGULATED UNDER ENVIRONMENTAL AND TRANSPORTATION LAWS AS A CORROSIVE WASTE (RCRA CLASS D002). DISPOSE OF ACCORDING TO ALL FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS AND REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. MANAGE CHEMICAL WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY. DO NOT REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE.

**Section 14. TRANSPORT INFORMATION\*\*\*\*\***

**DOT/TDG:** DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. (QUATERNARY AMMONIUM CHLORIDE), 8, UN1903, III (ERG 153)

**DOT SPECIAL CONSIDERATIONS:** SMALL PACK SIZES MAY BE MARKED: CONSUMER COMMODITY, ORM-D

**Section 15. REGULATORY INFORMATION\*\*\*\*\***

**EPA REGISTERED:** YES

**EPA %VOC:** 2.70

**KOSHER (CRC):** SEE LABEL.

**OSHA HAZARDOUS:** YES

**PHOSPHORUS CONTENT:** 0.00%

**PROPOSITION 65:** N.AP.

**SARA 311/312 HAZARDS:** ACUTE

**SARA 313 CHEMICALS:** NO

**STATE RIGHT TO KNOW:** SEE SECTION 3 FOR CHEMICAL NAMES.

**TSCA INVENTORY STATUS:** ALL COMPONENTS ARE LISTED ON THE INVENTORY.

**Section 16. OTHER INFORMATION\*\*\*\*\***

**NFPA RATING:** HEALTH-3/FLAMMABILITY-1/REACTIVITY-0/SPECIAL HAZARD-N.AP.

**HMIS RATING:** HEALTH-3/FLAMMABILITY-1/REACTIVITY-0/PERSONAL PROTECTION-SEE 8.0

N.AV. = NOT AVAILABLE    N.AP. = NOT APPLICABLE

PREPARED BY: HEALTH AND SAFETY

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