

4964-6

53415290

**\*\* MATERIAL SAFETY DATA SHEET \*\***

**EMERGENCY RESPONSE NUMBER: (800)/535-5053**

PRINT DATE: 09/12/96

**SKIN CONTACT:** Wash with water. If irritation occurs, get medical attention.

**INGESTION:** Do not induce vomiting. Get immediate medical attention.

**INHALATION:** Remove to fresh air. Consult a physician.

**01. PRODUCT INFORMATION**

**PRODUCT: QUATRAMINE-A**

PRODUCT NUMBER: 00141099

CHEMICAL NAME AND SYNONYMS: N/A

CHEMICAL FAMILY: SANITIZER

FORMULA: MIXTURE

MSDS FORM NUMBER: 099 REVISION NUMBER: 3

REVISION DATE: 11/21/95

**06. REACTIVITY DATA**

STABILITY: Stable

INCOMPATIBILITY - CONDITIONS TO AVOID: None

- MATERIALS TO AVOID: Soap and anionic detergents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None

**02. INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NUM	% WT.	PEL UNIT	TLV UNIT	HAZ.SOURCE*
MIXTURE OF QUATERNARY AMMONIUM COMPOUNDS AND ETHANOL	68424-95-3	7.5%	N/E	N/E	E

\*HAZARDOUS SOURCE CODES:  
E-DEFINED BY OSHA AS HAZARDOUS OR TOXIC.

**07. SPILL OR LEAK PROCEDURES**

**RELEASE OR SPILL PROCEDURE:** Contain spill. Mop up or absorb onto absorbent material and collect for disposal.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with Local, State, and Federal Regulations.

**03. PHYSICAL DATA**

BOILING POINT.....	212	(F)
VAPOR PRESSURE.....	N/A	(mmHg)
VAPOR DENSITY.....	N/A	(AIR = 1)
SOLUBILITY IN WATER.....	SOLUBLE	
SPECIFIC GRAVITY.....	0.988	(WATER = 1)
PERCENT VOLATILE.....	92.60	
EVAPORATION RATE.....	1	(WATER = 1)
PH.....	6.0	
COLOR.....	CLEAR WATER WHITE	
ODOR.....	ODORLESS	

**08. SPECIAL PROTECTION INFORMATION**

**SPECIFIC RESPIRATORY INFORMATION:** None required.

**VENTILATION:** No special exhaust required.

**PROTECTIVE EQUIPMENT:** Rubber or neoprene gloves should be worn. Safety glasses or goggles recommended if splashing is likely.

**04. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT..... NONE (F) (Method = TCC)

FLAMMABLE LIMITS - LEL.. N/A

FLAMMABLE LIMITS - UEL...N/A

EXTINGUISHING MEDIA..... Water, Foam, CO2, Dry Chemical.

SPECIAL FIRE FIGHTING PROCEDURES: None required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

NFPA HAZARD CODES:  
HEALTH - 1 FIRE - 0 REACTIVITY - 0 SPECIAL HAZARD - 0

**09. SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid prolonged or repeated contact with skin. Rinse empty container before discarding.

**OTHER PRECAUTIONS:**  
KEEP OUT OF REACH OF CHILDREN. DO NOT REUSE EMPTY CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE.

**05. HEALTH HAZARD DATA**

**PROBABLE ROUTES OF EXPOSURE:** Eye/skin contact.

**EFFECTS OF OVEREXPOSURE, ACUTE AND CHRONIC:**  
Eye/skin contact may be irritating. Repeated or prolonged exposure may cause irritation and/or dermatitis. Ingestion may be harmful.

**EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** Remove contact lenses if worn. Flush eyes with water for 15 MINUTES. Get medical attention.

**10. DOT AND SHIPPING INFORMATION**

Disinfectants, Corrosive Liquid, N.O.S., (Contains Quaternary Ammonium Compound), 8, UN1903, PG III

**DOT SHIP LABEL:** Corrosive

**11. COMPANY DISCLAIMER**

**FOR MEDICAL EMERGENCY CALL:**

PURITAN/CHURCHILL CHEMICAL CO. - (404) 875-7331  
EMERGENCY RESPONSE NUMBER - (800) 535-5053

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APPROVED: JGC DATE: 03/25/96