

MATERIAL SAFETY DATA SHEET

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SECTION I - IDENTIFICATION

PRODUCT NAME: **Quat 64 Lemon**

PRODUCT TYPE:Neutral Liquid Disinfectant

SECTION II – INGREDIENTS

INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Quaternary Ammonium Chloride Compound	mixture	No limits established
Lauryl Dimethyl Amine Oxide	1643-20-5	No limits established

SECTION III – PHYSICAL DATA

APPEARANCE: Transparent, water thin liquid, various colors and scents.
VAPOR PRESSURE:N/A **VAPOR DENSITY (AIR=1):** Greater than 1.
SPECIFIC GRAVITY:1.02 **pH:**7.5-9.0
BOILING POINT: 210 degrees F. **SOLUBILITY IN WATER:** Completely soluble.

SECTION IV – FIRE AND EXPLOSION DATA

FLASHPOINT:This product is non-flammable.
EXTINGUISHING MEDIA:This product is non-flammable. Use extinguishing media suitable for materials already burning.
SPECIAL FIRE FIGHTING PROCEDURES:.....Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.
UNUSUAL FIRE AND EXPLOSION HAZARDS:None known.

SECTION V – REACTIVITY DATA

STABILITY:.....Stable under normal conditions.
HAZARDOUS POLYMERIZATION:This product not known to polymerize.
INCOMPATIBILITY:.....Do not mix with acids or other detergents.
HAZARDOUS BYPRODUCTSCarbon monoxide, carbon dioxide, oxides of nitrogen.

SECTION VI – HEALTH DATA

ROUTE(S) OF ENTRY:.....Ingestion. Not likely to be inhaled in dangerous amounts.
LISTED CARCINOGEN:.....Not listed by IARC, NTP or OSHA.
MEDICAL CONDITION AGGRAVATED:May aggravate pre-existing dermatitis.
INHALATION:Not likely to be inhaled in hazardous amounts. Maintain adequate ventilation in the work area.
INGESTION:This material can cause irritation or damage to stomach and esophagus.
EYES:May cause severe eye irritation or burns.
SKIN (DERMAL):.....This product may cause burns or irritation if not removed from the skin.

SECTION VII – FIRST AID

BREATHING (INHALATION):.....If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.

SWALLOWING (INGESTION):.....DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.

SKIN (DERMAL):..... Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

SECTION VIII – EMPLOYEE PROTECTION

RESPIRATORY PROTECTION:Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING:Nitrile or PVC gloves, and chemical splash goggles.

ADDITIONAL MEASURES:.....Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

SECTION IX – SPILL AND DISPOSAL DATA

SPILL:..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

WASTE DISPOSAL:.....As recommended by local, state and federal authorities.

HANDLING & STORAGE PRECAUTIONS:.....Store in a cool, well ventilated area. Avoid overheating or freezing.

SECTION X – OTHER REGULATORY INFORMATION

PROPER SHIPPING NAME: Not D.O.T. regulated.

NFPA HEALTH: 2

NFPA FLAMMABILITY: 0

NFPA REACTIVITY: 0

NFPA OTHER: None

SECTION XI – PRECAUTIONARY STATEMENTS

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