



STERLING DRUG INC.
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MSDS No.

500260

DATE OF PREPARATION
9/85

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NO.
(212) 907-2000

SECTION I - IDENTIFICATION

PRODUCT NAME

ZEPHIRAN CHLORIDE® Concentrate 17%

PRODUCT CLASS

Disinfectant

OSHA CLASSIFICATION

Hazardous - Corrosive material

DEPARTMENT OF
TRANSPORTATION

HAZARD CLASSIFICATION Corrosive

SHIPPING NAME

Disinfectants, corrosive, liquid, N.O.S.

SECTION II - INGREDIENT INFORMATION

Benzalkonium Chloride [CAS 8001-54-5] 17% (corrosive liquid)

Solvent: Water

SECTION III - PHYSICAL DATA

APPEARANCE

Clear, colorless or slightly yellow

VAPOR DENSITY: HEAVIER/LIGHTER THAN AIR

Water

SOLUBILITY IN WATER

Soluble

PERCENT VOLATILE BY VOLUME (%)

NA

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT

Nonflammable

FLAMMABLE LIMITS

LEL

NA

UEL

NA

EXTINGUISHING MEDIA

Water or CO₂ if involved in fire

SPECIAL FIRE FIGHTING PROCEDURES

If involved in fire, may liberate hydrochloric acid.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

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EFFECTS OF OVEREXPOSURE DANGER: Keep out of reach of children. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Protect eyes and skin when handling. Harmful if swallowed. Avoid contamination of food.

EMERGENCY AND FIRST AID PROCEDURES FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SECTION VI — REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to Avoid) Inactivated by soaps.

HAZARDOUS DECOMPOSITION PRODUCTS None

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb onto inert material and discard into a proper waste container. This product is toxic to fish; avoid flushing product into sewer. Do not contaminate water by disposal of product-containing waste.

WASTE DISPOSAL METHOD

Dispose in accordance with Local, State and Federal regulations. Rinse empty container thoroughly with water and discard it.

SECTION VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	NA		
VENTILATION	NA		
PROTECTIVE GLOVES	Recommended	EYE PROTECTION	Safety Goggles
OTHER PROTECTIVE EQUIPMENT	Face shield, coveralls to protect work clothes.		

SECTION IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Concentrate; must be diluted. Protect from freezing.

OTHER PRECAUTIONS

Use only on environmental surfaces and other inanimate objects. Not for use on humans.