View NSN Online: https://aerobasegroup.com/nsn/8010-01-441-5950

ELF ATOCHEM NORTH AMERICA INC -- TURCO 6813E -- 8010-01-441-5950

Product ID:TURCO 6813E MSDS Date:07/17/2000

FSC:8010

NIIN:01-441-5950 Status Code:A

MSDS Number: CLQXZ === Responsible Party ===

Company Name: ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

City:PHILADELPHIA

State:PA

ZIP:19103-3222 Country:US

Info Phone Num:800-245-5858

Emergency Phone Num

:(800)424-9300

Preparer's Name: HENRY SIMMONS Chemtrec Ind/Phone: (800) 424-9300

CAGE:86460

=== Contractor Identification ===

Company Name: ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222 Country:US

Phone:800-245-5858

CAGE:86460

======= Composition/Information on Ingredients ========

Ingred Name: AMMONIA

CAS:7664-41-7

RTECS #:BO0875000

OSHA PEL:35 MG/M3;50 PPM ACGIH TLV:17 MG/M3;25 PPM ACGIH STEL:24 MG/M3;35 PPM

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:BENZYL ALCOHOL

CAS:100-51-6

RTECS #:DN3150000

Minumum % Wt:30.

Maxumum % Wt:60.

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Minumum % Wt:22.

Maxumum % Wt:45.

Ingred Name:LINEAR ALKYL BENZENE

CAS:68648-87-3 Minumum % Wt:1. Maxumum % Wt:10.

Ingred Name: ANISOLE

CAS:100-66-3

RTECS #:BZ8050000

Minumum % Wt:1.

Maxumum % Wt:10.

========== Hazards Identification ===============

Effects of Overexposure:THIS MATERIAL IS A COLORLESS GAS AT AMB IENT

TEMPERATURE AND PRESSURE WITH A STRONG

AND IRRITATING ODOR. THE ODOR THRESHOLD HAS BEEN ESTIMATED AT 3.5 TO 37 MG/M3 (5 TO 53

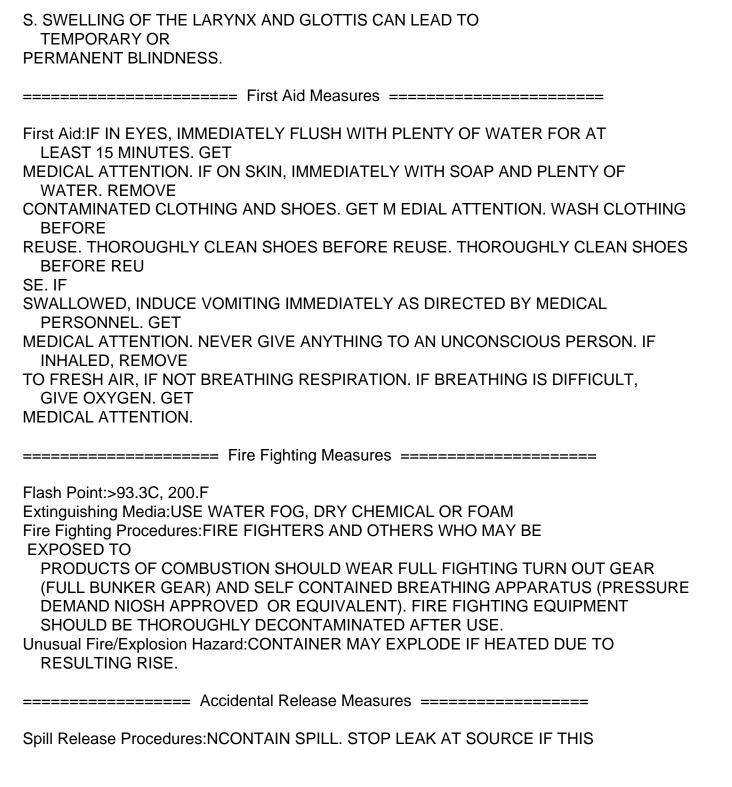
PPM). THE PH OF A 1% AQUEOUS S OLUTION IS 11.7. INHALATION AND SKIN CONTACT TO BE THE

PRIMARY ROUTES OF OCCUPATIONAL EXPOSURE TO THIS MATERIAL. THIS MATERIAL IS

EXTREMELY IRRITATING TO THE SKIN, EYES, AND RESPIRATORY PROBLEM. INHAL ATION CAN

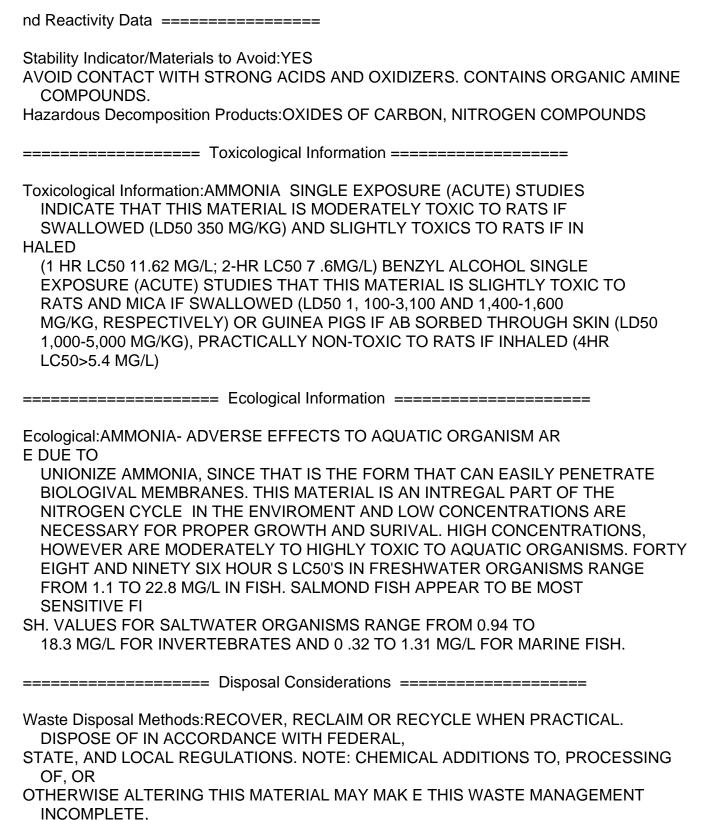
CAUSE COUGHING, SHORTNESS OF BREATH, LARYNGITIS, BRONCHITIS, CHEST PAINS AND SEVERE

RESPIRATORY PROBLEM



CAN BE DONE SAFETY. VENTILATE AREA. NONESSENTIAL PERSONNEL SHOULD LEAVE THE UNTIL CLEANUP IS COMPLETED. **PUMP LIQUID** INTO DOT-APPROVED DRUMS FOR DISPOSAL. AB SORB REMAINING LIQUID ONTO **INERT ABSORBENT** MATERIAL AND PLACE IN DOT APPROVED DRUMS FOR DISPOSAL. WASH AREA WITH WATER. KEEP CONCENTRATE AND WASH WATER FROM ENTERING SEWERS OR WATERWAYS. ============= Handling and Storage ========================== Handling and Storage Precautions: HANDLING: DO NOT GET IN EYES, ON SKIN OR CLOTHING. AVOID BREATHING VAPOR OR MIST. KEEP CONTAINER CLOSED. USE ONLY WITH ADEQUATE VENTILATION. WASH THOROUGHLY **AFTER** HANDLING. EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUES. STORAGE. STORE IN A COOL, DRY PLACE. AVOID EXCESSIVE HEAT. ===== Exposure Controls/Personal Protection ======== Respiratory Protection: AVOID BREATHING VAPOR OR MIST. WHEN AIRBORNE EXPOSURE LIMITS ARE EXCEEDED (SEE BELOW), USE NIOSH APPROVED FULL FACE RESPIRATOR WITH AN AMMONIA/METH YLAMINE COUPLED WITH A P 95 PARTICULATE FILTER (FULL FACE PIECE RECOMMENDED). IF EXPOSURES CANNOT BE KEPT A MINIMUN WITH ENGINERING CONTROLS. USE NIOSH APPROVED RESPIRATORY PROTECTION. Ventilation: INVESTIGATE ENGINEERING TECHNIQUE TO REDUCE EXPOSURES BELOW AIRBORNE LIMITS. PROVIDE VENTILATION IF NECESSARY TO CONTROL AIRBORNE EXPOSURE LIMITS. Protective Gloves: NATURAL RUBBER OR NEOPRENE GLOVES SHOULD BE WORN WHEN HANDLING THIS MATERIAL. Eye Protection: WEAR CHEMICAL GOGGLE S AND EYE FLUSHING EQUIPMENT IMMEDIATELY AVAILABLE. Other Protective Equipment: WEAR FACE SHIELD AND CHEMICAL RESISTANT CLOTHING SUCH AS A RUBBER APRON WHEN SPLASHING MAY OCCUR. Supplemental Safety and Health ========= Physical/Chemical Properties =========== Boiling Pt:>93.3C, 200.F Vapor Pres:15 MMHG @ 20 C Vapor Density:> 1 Spec Gravity: 1.02 VOC Pounds/Gallon:567 pH:10.4 Solubility in Water: EMULSIFIES Appearance and Odor:PINK EMULSION

====== Stability a



INACCURATE, OR OTHERWISE INAPPRO

\mathbf{r}	-		\mathbf{T}	_
$\boldsymbol{-}$	~ 1	Δ		_

======== Regulatory Information ==============

SARA Title III Information:HAZARD CATOGORIES: IMMEDIATE AND DELAYED HEALTH HAZARD. SARA TITLE III, SECTION 313 THIS PRODUCT DOES NOT CONTAIN CHEMICAL(S) WHICH ARE DEFINED AS TOXIC CHEMICALS UNDER AND SUBJECT TO THE REPORTING RE QUIREMENTS OF, SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 986 AND 40 CFR PART 372. AMMONIA. SARA TITLE III, SECTION 302 THIS PRODUCT

DOES NOT CONTAIN CHEMICAL(S) AS INDICATED BELOW, CURRENTLY ON THE EXTREMELY HAZARDOUS SUBSTANCE LIST, SECTION 302, SARA TITLE III. AMMONIA

State Regulatory Information:MASSACHUSETTS RIGHT TO KNOW THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICALS, AS INDICATED BELOW, CURRENTLY ON THE MASSACHUSETTS RIGHT TO KNOW SUBSTANCE LIST. AMMONIA, BENZYL ALCOHOL. NEW JERSEY RIGH T TO KNOW. THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICAL(S) AS INDICATED BELOW, CURRENTLY ON THE NEW

JERSEY RIGHT TO KNOW SUBSTANCE LIST. AMMONIA ANISOLE. PENNSYLVANIA ENVIRONMENTAL HAZARD. THIS PR ODUCT DOES CONTAIN FOLLOWING CHEMICAL(S) AS INDICATED BELOW, CURRENTLY ON THE PENNSYLVANIA ENVIRONM ENTAL HAZARD LIST. AMMONIA.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this informat ion to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.