

CANTOL INC -- GERMICIDAL ACID BOWL/URINAL CLEANER -- 6840-01-412-4353

=====
Product Identification
=====

Product ID:GERMICIDAL ACID BOWL/URINAL CLEANER

MSDS Date:05/02/1995

FSC:6840

NIIN:01-412-4353

MSDS Number: BYXLX

=== Responsible Party ===

Company Name:CANTOL INC

Address:2211 NORTH AMERICAN ST

City:PHILADELPHIA

State:PA

ZIP:19133

Country:US

Info Phone Num:215-425-1966

Emergency Phone Num:215-

425-1911

Preparer's Name:RICHARD J. PETSCH

CAGE:HO278

=== Contractor Identification ===

Company Name:CANTOL INC

Address:2211 NORTH AMERICAN ST

Box:City:PHILADELPHIA

State:PA

ZIP:19133

Country:US

Phone:215-425-1966

CAGE:HO278

Company Name:CANTOL,INC.

Address:2211 NORTH AMERICAN STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19133-3306

Country:US

Phone:215-425-1966

CAGE:58380

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

Ingred Name:HYDROCHLORIC ACID;(HYDROGEN CHLORIDE)

CAS:76

47-01-0
RTECS #:MW4025000
Fraction by Wt: 8.0%
OSHA PEL:5 PPM,C
ACGIH TLV:5 PPM,C
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE
CAS:68391-01-5
Fraction by Wt: 0.50%
Other REC Limits:NONE RECOMMENDED

Ingred Name:N-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE
CAS:68956-79-6
RTECS #:BO3325000
Fraction by Wt: 0.50%
Other REC Limits:NONE RECOMMENDED

Ingred Name:NONYLPHENOL POLYETHOXATE
CAS:9016-45-9
RTECS #:MD0900000
Fraction by Wt: >1%
Other REC Li
mits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CORROSIVE TO EYES AND SKIN. MAY
PRODUCE CHEMICAL BURNS. MAY BE FATAL IF SWALLOWED. VAPORS
IRRITATING TO NOSE & THROAT.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:EYE: BURNING, PAIN. SKIN: REDNESS, CHEMICAL
BURN. INHALAT
ION: IRRITANT TO NOSE AND THROAT. INGESTION: PAIN,
IRRITATION.
Medical Cond Aggravated by Exposure:NONE KNOWN.

===== First Aid Measures =====

First Aid:INGESTION-CALL PHYSICIAN. DO NOT INDUCE VOMITING. DRINK LARGE
QUANTITIES OF WATER, EGG WHITE OR GELETIN SOLUTION. EYES-FLUSH WITH
WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION.
SKIN-WIPE OFF ACID GENTLY. IMMEDIATELY FLOOD SURFACE WITH WATER
USING SOAP FREEL. INHALATION-REM

OVE TO FRESH AIR.

=====
Fire Fighting Measures
=====

Flash Point:NONE

Extinguishing Media:WATER, DRY CHEMICAL, CARBON DIOIXDE, FOAM.

Fire Fighting Procedures:HYDROGEN CHLORIDE VAPORS ARE CORROSIVE. WEAR PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:HYDROGEN CHLORIDE ATTACKS MOST METALS WITH EVOLUTION OF HYDROGEN GAS.

=====
Accidental Release Measures
=====

Spill Release Procedures:VENTILATE AREA. SOAK UP SPILL WITH OI

L
ABOSRBENT. FLUSH RESIDUE WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====
Handling and Storage
=====

Handling and Storage Precautions:AVOID CONTACT WITH SKIN AND EYES.
STORE IN COOL AREA. KEEP CONTAINER CLOSED. KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:FOR INDUSTRIAL USE ONLY. READ AND FOLLOW ALL LABEL DIRECTIONS AND PRECAUTIONS.

=====
Exposure Controls/Personal Protection
=====

==

Respiratory Protection:NONE-USE WITH ADEQUATE VENTILATION.

Ventilation:NONE.

Protective Gloves:RUBBER, NEOPRENE, PLASTIC.

Eye Protection:EYE GOGGLES.

Other Protective Equipment:NONE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

=====
Physical/Chemical Properties
=====

HCC:C1

Boiling Pt:B.P. Text:200F,93C

Vapor Density:>1

Spec Gravity:1.043 (H2O=1)

Evaporation Rate & Reference:>1 (BUTYL ACETATE=1)

Solubility in W

ater:COMPLETE

Appearance and Odor:GREEN EMULSION LIQUID WITH MILD ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALI, OXIDIZING AGENTS. DO NOT MIX WITH ANY OTHER CHEMICALS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:BURNING YIELDS CHLORINE GAS, HCL VAPORS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF SPENT ABSORBENT IN TRASH CONTAINER.
DISPOSE OF LIQUID AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA-RCRA.

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 information 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.