

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:215-4

25-1911

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:764

7-01-0
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 Limits: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. INHALATION: 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 GELATIN 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 FREELY. INHALATION-REMO

VE TO FRESH AIR.

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===== 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.

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

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

ABOSRBENT. FLUSH RESIDUE WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== 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.

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

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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

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===== 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 Wa

ter: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.

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