

CANTOL,INC. -- ACI-TECH -- 6850-01-393-7434

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

Product ID:ACI-TECH
MSDS Date:06/11/1993
FSC:6850
NIIN:01-393-7434
MSDS Number: BXFXC
=== Responsible Party ===
Company Name:CANTOL,INC.
Address:2211 NORTH AMERICAN STREET
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
CA
GE:58380
=== Contractor Identification ===
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:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)
CAS:7647-01-0
RTECS #:MW4025000
Fraction by Wt: 9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 5 PPM
ACGIH TLV:C 5 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred

Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 9.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:NONYLPHENOXYPOLYETHOXYETHANOL

CAS:68412-54-4

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:N

O OSHA:NO

Health Hazards Acute and Chronic:ACUTE: CORROSIVE TO EYES AND SKIN.

HARMFUL IF INHALED. HARMFUL IF SWALLOWED. HARMFUL IF ABSORBED

THROUGH SKIN. CHRONIC: ABSORPTION OVER LONG TERM EXPOSURE MAY CAUSE
INJURY TO LIVER AND KIDNEYS.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:EYES: BURNING, PAIN. SKIN: REDNESS, BURNING.

INHALATION: IRRITANT TO NOSE AND THROAT. INGESTION: PAIN,
IRRITATION.

Medical Cond Aggravated by Exposure:NONE KNOWN.

=====

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

First Aid:EYES-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.

SEEK PROMPT MEDICAL ATTENTION. SKIN-FLUSH WITH WATER. SEEK PROMPT
MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR. INGESTION-DO NOT
INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. CALL A PHYSICIAN
IMMEDIATELY.

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

Flash Point:NONE BY TCC

Fire Fighting Procedures:WATER SOLUTIONS

ARE HIGHLY ACIDIC. WEAR FULL
PROTECTIVE EQUIPMENT. KEEP CONTAINERS COOL TO PREVENT FUMING.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENTILATE AREA. SOAK UP SPILL WITH OIL
ABSORBENT. FLUSH ANY RESIDUE WITH PLENTY OF WATER.

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

Handling and Storage Precautions:AVOID PROLONGED & REPEATED BREATHING
OF VAPOR. DO NOT GET INTO EYES, ON S
KIN, ON CLOTHING. STORE IN A
COOL AREA. KEEP FROM FREEZING.

Other Precautions:FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. READ AND
FOLLOW ALL LABEL DIRECTIONS AND PRECAUTIONS. DO NOT MIX WITH ANY
OTHER CHEMICALS.

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

Respiratory Protection:NONE-USE WITH ADEQUATE VENTILATION.

Ventilation:LOCAL EXHAUST-NORMAL.

Protective Gloves:RUBBER, NEOPRENE,PLASTIC.

Eye Protection:EYE GOGGLES.

Other Protective Equipment:NONE.

Work Hyg

enic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

KEEP OUT OF REACH OF CHILDREN.

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

HCC:C1

Boiling Pt:B.P. Text:190-210F

Vapor Density:>1

Spec Gravity:1.09

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

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR YELLOW LIQUID WITH A MILD ODOR.

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

Stability Indicator/Materials to A

void:YES

STRONG ALKALI.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:BURNING MAY YIELD CARBON DIOXIDE AND MONOXIDE, SULFUR DIOXIDE, HYDROGEN SULFIDE, PHOSPHORUS OXIDE FUMES.

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

Waste Disposal Methods:DISPOSE OF USED ABSORBANT IN PROPER RECEPTICLE FOR LANDFILL. DISPOSE OF UNDILUTED LIQUID AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA-RCRA. (PH LESS THAN 2).

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.