

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

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===== 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  
CAGE  
: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

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===== 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 Na

me: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

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===== 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.

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.

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===== 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.

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

Flash Point:NONE BY TCC

Fire Fighting Procedures:WATER SOLUTIONS A

RE 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 SKI

N, 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 Hygie

nic 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 Avo

id: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).

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