

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 Nam

e: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:NO O
SHA: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 AR

E 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 SKIN
, 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 Hygien

ic 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 Avoi

d: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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