

CANBERRA CORP -- WAXIE TRAFFIC SIGNAL BOWL CLEANER, 030111 -- 6850-00N065921

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

Product ID:WAXIE TRAFFIC SIGNAL BOWL CLEANER, 030111

MSDS Date:05/01/1993

FSC:6850

NIIN:00N065921

MSDS Number: BZMLN

=== Responsible Party ===

Company Name:CANBERRA CORP

Address:3610 HOLLAND-SYLVANIA RD

City:TOLEDO

State:OH

ZIP:43615

Country:US

Info Phone Num:419-841-6616

Emergency Phone Num:800-255-3924

Preparer's Name:RANDY HAMMOND

CAGE:CANBE

=== Contractor Identification ===

Company Name:CANBERRA CORPORATION

Address:3610 HOLLAND-SYLVANIA RD

Box:City:TOLEDO

State:OH

ZIP:43615

Country:US

Phone:419-841-6616

CAGE:CANBE

Company Name:WAXIE'S ENTERPRISES INC

Address:5775 RUFFIN RD

Box:City:SAN DIEGO

State:CA

ZIP:92123

Country:US

Phone:619-292-8100

CAGE:1T674

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

Ingred Name:N-ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE

CAS:68391-01-5

Fraction by Wt: 0.05%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:ETHYLBENZENE AMMONIUM CHLORIDE

CAS:68956-79-6

Fraction by Wt: 0.05%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:HYDROCHLORIC ACID; (HYDROGEN CHLORIDE) (SARA 302/313)
(CERCLA)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 9.50%

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM

EPA Rpt Qty:5000 LBS
 DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
 Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
 Health Hazards Acute and Chronic:ACUTE: RAPIDLY CAUSES CHEMICAL BURNS
 TO SKIN AND EYES. MAY CAUSE PERMANENT DAMAGE. IRRITATION, BURNING
 OF SKIN, MUCOUS MEMBRANES AND RESPIRATORY SYSTEM. CORROSIVE ACTION
 ON CONTACTED SURFACE. CHRONIC: NO INFORMATION ON CHRONIC HEALTH
 HAZARD IS CURRENTLY AVAILABLE.
 Explanation of Carcinogenicity:NOT RELEVANT.
 Effects of Overexposure:SEE HEALTH HAZARDS.
 Medical Cond Aggravated by Exposure:PERSONS WITH RESPIRATORY AILMENTS
 MAY FIND THOSE CONDITIONS AGGRAVATED DURING PERSONAL USE OF THIS
 PRODUCT.

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

First Aid:EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15
 MINUTES. GET MEDICAL ATTENTION. SKIN: FLUSH IMMEDIATELY W/COOL
 WATER. WASH W/SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
 INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION:
 DO NOT INDUCE VOMITING. GIVE MILK, WATER OR EGG WHITES, AND GET
 MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO
 UNCON PERSON. KEEP WARM.

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

Flash Point:NONE
 Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, DRY CHEMICAL.
 Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
 PROTECTIVE EQUIPMENT . USE WATER SPRAY TO COOL CONTAINERS AND
 CONTROL VAPORS.
 Unusual Fire/Explosion Hazard:RELEASE OF CORR HYDROGEN CHLORIDE GAS MAY
 RSLT AT ELEVATED TEMPS. REACTS W/OXIDIZERS, CYANIDES & SULFIDES TO
 FORM POIS GAS. REACTS W/MOST METALS TO (SUP DAT)

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

Spill Release Procedures:WEAR FULL PERSONAL PROTECTIVE EQUIPMENT.
 VENTILATE AREA TO DISSIPATE FUMES. CONTAIN SPILL AND COLLECT IN
 APPROVED CONTAINER. RINSE WITH DILUTE BICARBONATE SOLUTION TO
 NEUTRALIZE RESIDUE.
 Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID
 CONTACT WITH SKIN AND EYES. AVOID BREATHING OF VAPOR. KEEP
 CONTAINER CLOSED WHEN NOT IN USE.
 Other Precautions:USE WITH TOILET BOWL MOP OR APPLICATOR. USE ONLY
 ACCORDING TO LABEL DIRECTIONS. DO NOT MIX WITH OTHER CHEMICALS.
 WEAR RECOMMENDED PROTECTIVE EQUIPMENT. STORE IN COOL PLACE.

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

Respiratory Protection:WHERE REQUIRED TO MAINTAIN EXPOSURE LEVELS BELOW

APPLICABLE LIMITS, USE A NIOSH/MSHA APPROVED RESPIRATOR FOR HYDROGEN CHLORINE GAS OR MISTS, AS APPLICABLE.

Ventilation:ADEQUATE TO MAINTAIN TLV.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS (SUP DAT)

Other Protective Equipment:RUBBER APRON, BOOTS, & LONG SLEEVES RECOMMENDED. EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .

Work Hygienic Practices:GOOD HOUSEKEEPING PRACTICES APPLY. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EXPLO HAZ: FORM POTENTIALLY EXPLO HYDROGEN GAS. EYE PROT: GOGGLES AND FULL LENGTH FACESHIELD .

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

Spec Gravity:1.05

Solubility in Water:COMPLETE

Appearance and Odor:RED TO GREEN COLOR, WITH SASSAFRAS ODOR

Percent Volatiles by Volume:>95

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

Stability Indicator/Materials to Avoid:YES

CHLORINE BLEACH. DO NOT MIX WITH OTHER CHEMICALS.

Stability Condition to Avoid:CONTACT WITH LIGHT METALS MAY GENERATE HYDROGEN GAS.

Hazardous Decomposition Products:CHLORINE GAS, HYDROGEN GAS, HYDROGEN CHLORINE GAS.

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

Waste Disposal Methods:FORWARD WASTE MATERIAL TO FEDERALLY LICENSED HAZARDOUS WASTE TREATMENT FACILITY. DISPOSE OF I/A/W FEDERAL, STATE, AND LOCAL REGULATIONS. TRIPLE RINSE CONTAINER, WRAP AND DISCARD IN TRASH, OR FOR LARGE CONTAINERS, TRIPLE RINSE AND OFFER FORRECYCLING.

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