



Chemical Name: #104 Liquid Swabby II

Manufacturer: Hillyard Industries

Container Sizes: 1 qt.

Location: SOC

Disposal: Pour in sink or toilet. Place empty container in trash.

CANBERRA CORP -- HILLYARD LIQUID SWABBY II, 104 -- 8030-00N064949

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

Product ID:HILLYARD LIQUID SWABBY II, 104

MSDS Date:12/01/1989

FSC:8030

NIIN:00N064949

MSDS Number: BZKWC

=== 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:419-841-6616

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:HILLYARD INDUSTRIES

Address:302 NORTH FOURTH STREET

Box:City:ST JOSEPH

State:MO

ZIP:64501

Country:US

Phone:816-233-1321 (EXT 2303)

CAGE:28745

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

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (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

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:DODECYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE

CAS:27479-28-3

Fraction by Wt: 0.05%

OSHA PEL:N/K

ACGIH TLV:N/K

===== 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:CAUSES CHEMICAL BURNS. SIGNS &
SYMPTOMS:IRRITATION, BURNING OF SKIN, MUCOUS MEMBRANES AND
RESPIRATORY SYSTEM. CHRONIC:NONE LISTED BY MANUFACTURER.

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:EYE:IMMED FLUSH W/PLENTY OF WATER FOR @ LEAST 15 MINS. GET
MED ATTN. SKIN:FLUSH IMMED W/COOL WATER. WASH W/SOAP & WATER.

REMOVE CONTAMD CLTHG. INHAL:REMOVE TO FRESH AIR. GET MED ATTN.
INGEST:DO NOT IN DUCE VOMITING. GIVE MILK, WATER/EGG WHITES & GET
MED ATTN IMMED.

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

Flash Point:NONE
Extinguishing Media:NOT APPLICABLE.
Fire Fighting Procedures:NOT APPLICABLE. USE NIOSH/MSHA APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:RELEASE OF CORROSIVE HYDROGEN CHLORIDE
GAS MAY RESULT AT ELEVATED TEMPERATURES.

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

Spill Release Procedures:VENTILATE AREA TO DISSIPATE FUMES. CONTAIN
SPILL AND COLLECT IN APPROVED CONTAINER.
Neutralizing Agent:RINSE WITH DILUTE BICARBONATE SOLUTION TO NEUTRALIZE
RESIDUE.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.
USE WITH TOILET BOWL MOP OR APPLICATOR. USE ONLY ACCORDING TO LABEL
DIRECTIONS. DO NOT MIX W/OTHER CHEMICALS.
Other Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH
SKIN OR EYES. AVOID PROLONGED BREATHING OF VAPORS.

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

Respiratory Protection:NOT NORMALLY REQUIRED. NIOSH/MSHA APPROVED
RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:LOCAL EXHAUST:ADEQUATE.
Protective Gloves:RUBBER GLOVES.
Eye Protection:ANSI APPRVD CHEM WORK GOGGLES & (SUPDAT)
Other Protective Equipment:RUBBER APRON AND BOOTS. ANSI APPRVD
EMERGENCY EYE WASH & DELUGE SHOWER .
Work Hygienic Practices:GOOD HOUSEKEEPING PRACTICES APPLY.
Supplemental Safety and Health
EYE PROT:FULL LENGTH FACESHIELD .

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

Boiling Pt:B.P. Text:212F,100C
Spec Gravity:1.050 (H*20=1)
Evaporation Rate & Reference:NOT KNOWN
Solubility in Water:COMPLETE
Appearance and Odor:GREEN BLUE COLOR/SASSAFRAS ODOR.
Percent Volatiles by Volume:95

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

Stability Indicator/Materials to Avoid:YES
AMMONIA; 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.

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

Waste Disposal Methods:WASTE/UNUSED MATL MAY BE RENDERED NON-HAZ BY
NEUT W/DILUTE ALKALINE SOLN. CAUTION-NEVER ADD CONCENTRATED ALKALI
TO PROD. TRIPLE RINSE CNTNR, WRAP & DISCARD IN TRASH. DISPOSAL MUST
BE I/A/W FEDERAL, ST ATE & LOCAL REGULATIONS .

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