

SHERWOOD MEDICAL CO ANALYTAB PRODUCTS DIVISION -- MICROSCAN KOVAC'S
REAGENT,BDI-578-1 -- 6550-01-238-2341

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

Product ID:MICROSCAN KOVAC'S REAGENT,BDI-578-1

MSDS Date:12/20/1985

FSC:6550

NIIN:01-238-2341

MSDS Number: BRRLD

=== Responsible Party ===

Company Name:SHERWOOD MEDICAL CO ANALYTAB PRODUCTS DIVISION

Address:200 EXPRESS ST

City:PLAINVIEW

State:NY

ZIP:11803-246

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Country:US

Info Phone Num:800-645-7034

Emergency Phone Num:800-645-7034

CAGE:55194

=== Contractor Identification ===

Company Name:SHERWOOD MEDICAL CO ANALYTAB PRODUCTS DIVISION

Address:200 EXPRESS ST

Box:City:PLAINVIEW

State:NY

ZIP:11803-2469

Country:US

Phone:800-645-7034/800-424-9300(CHEMTREC)

CAGE:55194

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

Ingred Name:AMYL ALCOHOL

CAS:71-41-0

RTECS #:SB9800000

= Wt:71.

Other REC Limits:NONE RECOMMENDED

Ingred Name:PARA-DIME

THYLAMINOBENZALDEHYDE

CAS:100-10-7

RTECS #:CU5775000

= Wt:5.

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

RTECS #:MW4025000

= Wt:24.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LC50 RAT=3124 PPM/1HR AS HCL(RTECS 92-4)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YE

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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: CORROSIVE IRRITANT. INHALATION:

CORROSIVE IRRITANT. CHRONIC-BRONCHITIS. INGESTION:

CHRONIC-GASTRITIS.

Explanation of Carcinogenicity:RTECS HAS SEVERAL MONOGRAPHS SHOWING
HYDROCHLORIC ACID AS A MUTAGEN.

Effects of Overexposure:INHALATION: BRONCHITIS. INGESTION: GASTRITIS.

Medical Cond Aggravated by Exposure:NO DATA SUBMITTED BY MANUFACTURER.

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

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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITAION PERSISTS,
CONTACT PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING.WASH WITH
SOAP AND WATER. CALL PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE.
RESTORE OR ASSIST BREATHING IF NEEDED. CALL PHYSICIAN. INGESTION:
DO NOT INDUCE VOMITING. GIVE WATER OR MILK(IF CONSCIOUS). IF
VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET PROMPT MEDICAL HELP.

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

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Flash Point:NOT REPORTED
Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,WATER SPRAY OR REGULAR FOAM.
Fire Fighting Procedures:AVOID BREATHING VAPORS;KEEP UPWIND. WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:EMITS TOXIC GASES AND FUMES DURING COMBUSTION.

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

Spill Release Procedures:USE APPROPRIATE PROTECTIVE EQUIPMENT. ADSORB WITH AN INERT MATERIAL (EG.VERMICULITE) AND PUT INTO A GLASS CONTAINER FOR DISPOSAL.
Neutralizing Agent:20% SODIUM BICARBONATE.

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

Handling and Storage Precautions:STORE IN A COOL PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE SUBSTANCES.
Other Precautions:AVOID SKIN CONTACT. DO NOT BREATH VAPORS.

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

Respiratory Protection:NOT REQUIRED IN NORMAL SERVICE.
Ventilation:MANUFACTURER RECOMMENDS GENERAL(MECHANICAL) EXHAUST.
Protective Gloves:ACID RESISTANT
Eye Protection:SAFETY SHIELDS.
Other Protective Equipment:IMPERVIOUS CLOTHING. EYE WASH STATION SHOULD BE AVAILABLE.
Work Hygienic Practices:WASH HANDS. USE PRUDENT HYGENIC AND SANITARY PRACTICES.
Supplemental Safety and Health
NONE.

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

HCC:C1
Boiling Pt:B.P. Text:NOT GIVEN
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:NOT GIVE

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Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID,CLEAR;YELLOW;ACRID ALCOHOL ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ALKALI METALS, METALS, SILVER NITRATE.

Stability Condition to Avoid:HIGH HEAT, SOURCES OF IGNITION.

Hazardous Decomposition Products:TOXIC OR HAZARDOUS GASES MAY BE FORMED
DURING COMBUSTION SUCH AS NOX, HYDROGEN CHLORIDE.

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

Waste Disposal Methods:IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL
REGULATIONS.

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