

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-

2469

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-D

IMETHYLAMINOBENZALDEHYDE

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

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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion

:YES

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.

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===== First Aid Measures ==

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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION 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.

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===== 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 G

IVEN

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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