

VOLU-SOL MEDICAL INDUSTRIES INC -- HARRIS HEMATOXYLIN CYTOLOGY/HISTOLOGY STAIN --
6550-01-354-9460

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

Product ID:HARRIS HEMATOXYLIN CYTOLOGY/HISTOLOGY STAIN

MSDS Date:01/08/1990

FSC:6550

NIIN:01-354-9460

MSDS Number: BXYGP

=== Responsible Party ===

Company Name:VOLU-SOL MEDICAL INDUSTRIES INC

Box:12449

City:LAS VEGAS

State:NV

ZIP:89112

Country:US

Info Phone Num:702-

565-1383

Emergency Phone Num:702-565-1383

CAGE:IO106

=== Contractor Identification ===

Company Name:CURTIN MATHESON SCIENTIFIC INC

Address:9999 VETERANS MEMORIAL DR

Box:1546

City:HOUSTON

State:TX

ZIP:77038-2499

Country:US

Phone:713-820-9898

CAGE:15481

Company Name:VOLU-SOL

Address:700 W SUNSET RD

City:HENDERSON

State:NV

ZIP:89015

Country:US

Phone:702-565-1383/702-565-0311FAX

CAGE:54309

Company Name:VOLU-SOL MEDICAL INDUSTRIES INC

Box:12449

City:LAS VEGAS

State:NV

ZIP:89112

Country:US

Phone:702-5

65-1383
CAGE:IO106

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

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 85%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALUMINUM POTASSIUM SULFATE
CAS:10043-67-1
RTECS #:WS5650000
Fraction by Wt: 8.50%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 4.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9495

Ingred Name
:(GLACIAL) ACETIC ACID (CERCLA)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 1.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HEMATOXYLIN
Fraction by Wt: 0.40%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MERCURIC OXIDE (SARA 302/313) (CERCLA)
CAS:21908-53-2
RTECS #:OW8750000
Fraction by Wt: 0.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG (HG)/M3; Z-2
ACGIH TLV:S,0.025 MG(HG)/M3;95

=====

==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: READILY ABSORBED BY THE SKIN;
CORROSIVE TO SKIN AND MUCOUS MEMBRANES. ALSO ABSORBED BY
RESPIRATORY TRACT TO CAUSE NAUSEA. VIOLENT POISON. CHRONIC: NONE
SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A
CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:CORROSIVE TO SKIN, NAUSEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN ALL CASES, GET IMMEDIATE MEDICAL ATTENTION.
EYES-IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE
CONTAMINATED CLOTHES. WASH WITH SODIUM BICARBONATE & WATER
SOLUTION. INHALED-REMOVE TO FRES H AIR. ADMINISTER OXYGEN OR
ARTIFICIAL RESPIRA
TION AS NEEDED. INGESTED-CONTACT POISON CONTROL
CENTER AND OBTAIN IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:WATER.
Fire Fighting Procedures:NONE.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:COVER SPILL WITH SODIUM BICARBONATE AND WATER
TO FORM A SLURRY. WASH SLURRY DOWN DRAIN WITH EXCESS WATER.
Neutralizing Agent:SODIUM BICAR
BONATE (20%) AND WATER SOLUTION.

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

Handling and Storage Precautions:BOTTLE SHOULD BE KEPT SEALED AND
CAPPED UNTIL USE. STORE BOTTLE SAWAY FROM HEAT AND DIRECT LIGHT.
Other Precautions:NONE.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE
OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR
AN AIR-SUPPLIED RESPIRA

TOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:USE IN A WELL-VENTILATED AREA.

Protective Gloves:RUBBER.

Eye Protection:FACESHIELD.

Other Protective Equipment:LAB COAT. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:T6

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:760

Spec Gravity:1.00

Solubility in Water:APPRECIABLE

Appearance and Odor:DARK RED LIQUID; ACRID ODOR.

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

Stability Indicator/Materials to Avoid:YES

CARBONATES, HYDROXIDES, PHOSPHATES, REDUCING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

====

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

Waste Disposal Methods:MIX WITH A 20% SODIUM BICARBONATE AND WATER SOLUTION AND POUR DOWN THE DRAIN. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants

this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.