

RICHARD-ALLAN MEDICAL INDUSTRIES -- STS SPECIMEN TRANSPORTATION SYSTEM --  
6550-01-340-4455

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

Product ID:STS SPECIMEN TRANSPORTATION SYSTEM

MSDS Date:06/01/1995

FSC:6550

NIIN:01-340-4455

MSDS Number: CBQXW

=== Responsible Party ===

Company Name:RICHARD-ALLAN MEDICAL INDUSTRIES

Address:8850 M89

Box:351

City:RICHLAND

State:MI

ZIP:49083-9580

Country:US

Info Phone Num:8

00-781-2307

Emergency Phone Num:800-781-2307, CHEMTREC 800-424-3900

Preparer's Name:THRESA M. SCHLUTER

CAGE:51883

=== Contractor Identification ===

Company Name:RICHARD-ALLAN MEDICAL INDUSTRIES

Box:351

City:RICHLAND

State:MI

ZIP:49083

Country:US

Phone:616-385-4466

CAGE:51883

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

Ingred Name:FORMALDEHYDE (SARA III)

CAS:50-00-0

RTECS #:LP8925000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1048

ACGIH TLV:C 0.3 PPM; A2; 9394

EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S,200PPM  
ACGIH TLV:S,200PPM/250STEL; 94  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:\*\*TARGET-ORGANS:RESP.SYSTEM,EYE,SKIN\*\*  
SEVERE SKIN IRRITANT & SENSITIZER. MAY CAUSE TRANSIENT EYE DISCOMFORT, PERMANENT CORNEAL CLOUDING & LOSS OF VISION. IRRITATING TO UPPER RESPIRATORY TRACT & EYES . INGESTION MAY CAUSE SEVERE IRRITATION TO MUCOSAL SURFACES OF MOUTH, THROAT & G/I TRACT.  
Explanation of Carcinogenicity:CONTAINS F [50-00-0] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.  
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA, WHITE SKIN DISCOLORATION, BLINDNESS.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND/OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. GIVE MILK, ACTIVATED CHARCOAL, SLURRY OR WATER.

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

Flash Point Method:CC  
Flash Point:180F,82C  
Autoignition Temp:Autoignition Temp Text:430C  
Lower Limits:7  
Upper Limits:73  
Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE,

WATER

IN FLOODING AMOUNTS AS SOLID STREAM MAY BE INEFFECTIVE.

Fire Fighting Procedures:WATER MAY BE USED TO DILUTE SPILL TO PRODUCE NON-FLAMMABLE MIXTURES.

Unusual Fire/Explosion Hazard:WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE OR ANY DISCOLORATION OF STORAGE TANK DUE TO FIRE. RUNOFF SHOULD BE CONTAINED.

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

Spill Release Procedures:WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTA

IN SPILL. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE, 15-30C, 59-86F

Other Precautions:MFR GAVE NO INFORMATION OF MSDS.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:USE MECHANICAL (GENERAL) VENTILATION OR A FUME HOOD.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:MFR GAVE NO INFORMATION OF MSDS.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health

MSDS WAS RECEIVED FROM DDSP-XP AND WS NEARLY ILLEGIBLE. ALSO SEE ADDITIONAL DATA.

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

HCC:V4

NRC/State Lic Num:NONE

Boili

ng Pt:B.P. Text:204F,96C

Vapor Pres:19

Vapor Density:1.1

Spec Gravity:1.109

Evaporation Rate & Reference:0.43 (BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID, PUNGENT ODOR

Percent Volatiles by Volume:98 %

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

Stability Indicator/Materials to Avoid:YES

VIOLENT REACTIONS WHEN MIXED W/STRONG OXIDIZING AGENTS, PHENOLS, STRONG ACIDS/ALKALIS.

Stability Condition to Avoid:MFR GAVE NO INFORMATION OF MSDS.

Hazardous Decomposition Products:FORMALDEHYDE GAS

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

Waste Disposal Methods:FORMALDEHYDE IS A HAZARDOUS WASTE PER RCRA. EMPLOYER MUST DISPOSE OF WASTE CONTAINING FORMALDEHYDE I/A/W APPLICABLE FEDERAL, STATE & LOCAL LAWS.

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.