View NSN Online: https://aerobasegroup.ae/nsn/6550-01-359-1836

RICHARD-ALLAN SCIENTIFIC -- CYTO-STAIN -- 6550-01-359-1836

Product ID:CYTO-STAIN MSDS Date:06/01/1995

FSC:6550

NIIN:01-359-1836 Status Code:A

MSDS Number: CKNFN === Responsible Party ===

Company Name: RICHARD-ALLAN SCIENTIFIC

Address:225 PARSONS ST

City:KALAMAZOO

State:MI ZIP:49007 Country:US

Info Phone Num:800-522-7270

Emergency Phone Num:800-522-7270

Preparer's

Name:THERESA M. SCHUTER Chemtrec Ind/Phone:(800)424-9300

CAGE:044N0

=== Contractor Identification ===

Company Name: RICHARD-ALLAN SCIENTIFIC

Address:225 PARSONS ST Box:City:KALAMAZOO

State:MI

ZIP:49007-3538 Country:US

Phone:800-522-7270

CAGE:044N0

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

Ingred Name: ETHANOL

CAS:64-17-5

RTECS #:KQ6300000

OSHA PEL:1900 MG/M3;1000 PPM ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name: ISOPROPANOL

CAS:67-63-0

RTECS #:NT8050000 OSHA PEL:980 MG/M3 ;400 PPM

ACGIH TLV:983 MG/M3;400 PPM ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name: METHANOL

CAS:67-56-1

RTECS #:PC1400000

OSHA PEL:260 MG/M3;200 PPM ACGIH TLV:262 MG/M3;200 PPM ACGIH STEL:328 MG/M3;250 PPM

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: METHYL ISO-BUTYL KETONE

CAS:108-10-1

RTECS #:SA9275000

OSHA PEL:410 MG/M3;100 PPM ACGIH TLV:205 MG/M3;50 PPM ACGIH STEL:307 MG/M3;75 PPM

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: GLACIAL ACETIC ACID

CAS:64-19-7

RTECS #:AF1225000

OSHA PEL:25 MG/M3;10 PPM ACGIH TLV:25 MG/M3;10 PPM ACGIH STEL:37 MG/M3;15 PPM

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

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

Health Hazards Acute and Chronic:SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS. EYE: CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. INGESTION: CAN CAUSE GASTROINTESTINAL IRRI TATION, NAUSEA, VOMITING, DIARRHEA, BLINDNESS, DEATH. INHAL

ATION: EXCESSIVE

INHALATION OF VAPORS CAN CAUSE NASAL & RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, & EVEN DEATH. CHRONIC: OVEREXPOSURE TO THIS MATERIAL, OR ITS COMPONENTS, HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS: LIVER ABNORMALITIES, EYE D AMAGE, & KIDNEY DAMAGE.

Explanation of Carcinogenicity:NONE LISTED.

Effects of Overexposure:EYE-REDNESS, TEARING, BLURRED VISION.

INGESTION-NAUSEA, VOMITING, DIARRHEA, BLINDNESS, DEATH. INHALATION-DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS & DEATH.

First Aid:SKIN-REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP/MILD DETERGENT & WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS-15 TO 20 MINS. EYE-FLUSH WITH PLENTY OF WATER FOR 15 MINS, OCCASIONALLY LI FTING UPPER & LOWER LIDS. CALL A PHYSICIAN. IF IRRIT

ATION PERSISTS. REFER TO AN OPTAMOLOGIST FOR EVALUATION. INHALATION-REMOVE PATIENT TO FRESH AIR IMMEDIATELY. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED, GIVE CPR. KEEP WARM & AT REST. INGEST-DRINK 2 GLASSES OF WATER & INDUCE VOMITING BY GIVING IPECAC SYRUP OR BY STICKING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. GET MEDICAL AID.

=======================================	Fire Fighting I	Measures	==========	
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Flash Point Me

thod:TCC

Flash Point:=28.C, 82.4F Lower Limits:3.3(ETHANOL) Upper Limits:19.0(EST. ET

Extinguishing Media:ALCOHOL FOAM, DRY CHEMICALS, CARBON DIOXIDE, WATER IN FLOODING AMOUNTS AS FOG. SOLID STREAMS MAY NOT BE EFFECTIVE. Fire Fighting Procedures:COOL FIRE-EXPOSED CONTAINERS WITH WATER FROM SIDE UNTIL WELL AFTER FIRE IS OUT. USE OF WATER SPRAY TO FLUSH SPILLS CAN ALSO DILUTE THE SPILL TO PRODUCE NON-FLAMMABLE MIXTURES. WEAR SELF CONTAINED BR EATHING APPARATUS WITH A FULL FACE PIECE

OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES. Unusual Fire/Explosion Hazard: VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION & IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE, OR OTHER SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

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

Spill Release Procedures: FOR SMALL CONTAINERS, PLA

CE THE LEAKING CONTAINER IN A WELL VENTILATED AREA. TAKE UP SMALL SPILLS WITH ABSORBENT MATERIAL AND TRANSFER TO HOOD. PLACE THE WASTE INTO PROPERLY LABELED CONTAINERS FOR LAT ER DISPOSAL.
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Handling and Storage Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM HEAT & OPEN FLAME. STORE AT ROOM TEMPERATURE: 15 TO 30 DEG C (59 TO 86 DEG F). Other Precautions:SPILL-FOR LARGER SPILLS, DIKE TO MINIMIZE
CONTAMI
NATION & FACILITATE SALVAGE OR DISPOSAL. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL & SHOVELED INTO CONTAINERS. PREVENT RUN-OFF TO SEWERS, STREAMS, BODIES OF WATER. YOUR EMPLOYER MUST COMPLY WIT H EPA RULES.
====== Exposure Controls/Personal Protection =======
Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORS ARE ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL. Ventilation:GENERAL MECHANICA L VENTILATION OR FUME HOOD. Protective Gloves:CHEMICAL RESISTANT GLOVES. Eye Protection:CHEMICAL SPLASH GOGGLES. Supplemental Safety and Health
======== Physical/Chemical Properties =========
HCC:F3 Boiling Pt:B.P. Text:169 TO 193 DEG F Vapor Pres:33 MMHG Vapor Density:1.2(AIR=1) Spec Gravity:0.887@21 DEG C (WATER=1) Evaporation Rate & DEG C (WATER=1) Solubility in Water:COMPLETE Appearance and Odor:REDDISH, BROWN LIQUID, MILD CHARACTERISTIC ODOR Percen t Volatiles by Volume:99
========= Stability and Reactivity Data ==========
Stability Indicator/Materials to Avoid:YES AVOID CONTACT WITH STRONG OXIDIZING AGENTS. Hazardous Decomposition Products:THERMAL DECOMPOSITION OR BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.
======= Disposal Considerations ===========

Waste Disposal Methods: YOUR EMPLOYER MUST DISPOSE OF WASTE CONTAINING ALCOHOLS IN ACCORDANCE WITH APPLICABLE LOCAL, STATE,

& FED	RAL LAWS
(EA	H HAS UNIQUE REQUIREMENTS) & IN A MINNER THAT MINIMIZES
EXF	DSURE OF EMPLOYEES AT THE SITE & OF THE CLEAN-UP CREW.
_	D-STAIN IS CONSIDERED TO BE A HAZARDOUS WASTE. HAZARDOUS WASTE C D001.
OD.	5001.

======== MSDS Transport Information ===========

Transport Information:TRANSPORTATION: DOT SHIPPING NAME IS "FLAMMABLE LIQUID, N.O.S., DOT HAZARD CLASS IS 3". SHIPPING CONTAINERS: BOTTLES.

====== Other Information ======

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