

TECHNICON INSTRUMENTS CORP -- HEMA-TEK STAIN SOLUTION -- 6550-00-109-2353

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

Product ID:HEMA-TEK STAIN SOLUTION

MSDS Date:04/29/1992

FSC:6550

NIIN:00-109-2353

Kit Part:Y

MSDS Number: BWMNK

=== Responsible Party ===

Company Name:TECHNICON INSTRUMENTS CORP

Address:511 BENEDICT AVE

City:TARRYTOWN

State:NY

ZIP:10591-5005

Country:US

Info Phone Num:914-353-1427

Emergency

Phone Num:914-353-1427

CAGE:59426

=== Contractor Identification ===

Company Name:TECHNICON INSTRUMENTS CORP/BAYER CORP DIAGNOSTIC DIV

Address:511 BENEDICT AVE

Box:City:TARRYTOWN

State:NY

ZIP:10591-5005

Country:US

Phone:914-353-1427

CAGE:59426

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

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S,200PPM/250STEL; 94

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

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===== 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: INHALATION- PROLONGED  
OVEREXPOSURE MAY RESULT IN TRANSIENT OR PERMANENT BLINDNESS & LIVER  
OR KIDNEY DAMAGE. INGESTION- MAY CAUSE GASTROINTESTINAL IRRITATION  
& NERVOUS SYSTEM DEPRESSION. SEVERE ABDOMINAL, BACK & LEG PAIN MAY  
OCCUR ALONG WITH BLINDNESS, LIVER & KIDNEY DAMAGE. MAY BE FATAL.  
EYE & SKIN- IRRITATION.  
Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT  
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.  
Effects of Overexposure:OVEREXPOSURE MAY LEAD TO EYE, SKIN, AND  
RESPIRATORY IRRITATION; NARCOSIS; NAUSEA; ACUTE NERVOUS SYSTEM  
DEPRESSION; DIZZINESS; HEADACHES; STAGGERING; CONFUSION;  
UNCONSCIOUSNESS OR COMA; DEATH; DERMATITIS; AND BLINDNESS.  
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING LIVER  
OR KIDNEY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.  
APPLY SKIN CREAM IF DEFATTING OF SKIN OCCURS. INHALATION: REMOVE  
TO FRESH AIR AT ONCE. RESUSCITATE IF BREATHING STOPPED. GET MEDICAL  
ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE  
HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET  
IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. MED: GIVE  
GASTRIC LAVAGE.

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

Flash Point Method:CC  
Flash Point:=-11.1C, 52.F  
Lower Limits:6  
Upper Limits:36  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER

ATER SPRAY.

Unusual Fire/Explosion Hazard:VERY FLAMMABLE LIQUID. VAPORS HEAVIER THAN AIR & CAN TRAVEL ALONG SURFACES. COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. PROVIDE MAXIMUM AVAILABLE VENTILATION. WEAR PROTECTIVE CLOTHING. ABSORB ON AN INERT MATERIAL AND REMOVE WITH NON-SPARKING TOOLS. DISCARD INTO SEALED CONTAINERS FOR DISPOSAL.

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

Handling and Storage Precautions:STORE IN FLAMMABLE LIQUID STORAGE ROOM. USE WITH ADEQUATE VENTILATION. KEEP FROM HEAT, SPARK OR OPEN FLAMES. "NO SMOKING" AREA. KEEP CONTAINER CLOSED.

Other Precautions:CHRONIC EFFECTS: PROLONGED OVEREXPOSURE TO METHANOL MAY CAUSE VISUAL IMPAIRMENT, NERVOUS SYSTEM, LIVER AND KIDNEY DAMAGE. METHANOL HAS BEEN FOUND TO CAUSE ADVERSE REPRODUCTIVE EFFECTS IN

LABORATORY ANIMALS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR IF REQUIRED. NONE NORMALLY REQUIRED.

Ventilation:GOOD MECHANICAL(GENERAL) EXHAUST IS REQUIRED. LOCAL EXHAUST VENTILATION MAY BE REQUIRED TO MAINTAIN TLV.

Protective Gloves:VITON, NITRILE RUBBER, OR NEOPRENE

Eye Protection:SAFETY GOGGLES OR GLASSES W/SIDE SHIELDS

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:DO NOT EAT OR SMOKE WHEN HANDLING THIS PRODUCT; WASH THOROUGHLY AFTER USE. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF VAPORS/GAS WHICH MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND CAUSE FLASH FIRES OR BE IGNITED EXPLOSIVELY BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS OR OTHER SOURCES OF IGNITION AT LOCATIONS DISTANT FROM

OM MATERIAL HANDLING AREA

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

HCC:F2

Boiling Pt:=65.C, 149.F

Vapor Pres:92

Spec Gravity:0.7914

Evaporation Rate & Reference:4.6 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:KARK BLUE LIQUID WITH ALCOHOL ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES

OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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