

GILLETTE MEDICAL EVALUATION LABS -- LIQUID PAPER CORRECTION FLUID

96065

MATERIAL SAFETY DATA SHEET

NSN: 7510013961184

Manufacturer's CAGE: GXLLE

Part No. Indicator: A

Part Number/Trade Name: LIQUID PAPER CORRECTION FLUID

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## General Information

Company's Name: GILLETTE MEDICAL EVALUATION LABS

Company's Street: 401 PROFESSIONAL DR

Company's City: GAITHERSBURG

Company's State: MD

Company's Country: US

Company's Zip Code: 20879

Company's Emerg Ph #: 301-590-9781

Company's Info Ph #: 301-590-9781

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 002

Status: SMJ

Date MSDS Prepared: 28NOV89

Safety Data Review Date: 17JAN96

MSDS Serial Number: CCBJG

## Ingredients/Identity Information

Proprietary: NO

Ingredient: ETHANE, 1,1,1-TRICHLORO-; (1,1,1-TRICHLOROETHANE) (SARA 313)  
(CERCLA)

Ingredient Sequence Number: 01

NIOSH (RTECS) Number: KJ2975000

CAS Number: 71-55-6

OSHA PEL: 350 PPM

ACGIH TLV: 350 PPM/450STEL

Proprietary: NO

Ingredient: TITANIUM OXIDE; (TITANIUM DIOXIDE)

Ingredient Sequence Number: 02

NIOSH (RTECS) Number: XR2275000

CAS Number: 13463-67-7

OSHA PEL: 15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

Proprietary: NO

Ingredient: RESIN

Ingredient Sequence Number: 03

NIOSH (RTECS) Number: 1000250RE

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Proprietary: NO

Ingredient: NAPHTHA, HEAVY ALKYLATE; (MINERAL SPIRITS)

Ingredient Sequence Number: 04

NIOSH (RTECS) Number: 1003051NA

CAS Number: 64741-65-7

OSHA PEL: 300 PPM

ACGIH TLV: 300 PPM

Proprietary: NO

Ingredient: PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER; (DI(2-ETHYLHEXYL)  
PHTHALATE)

Ingredient Sequence Number: 05

NIOSH (RTECS) Number: TI0350000

CAS Number: 117-81-7

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OSHA PEL: 5 MG/M3  
ACGIH TLV: 5 MG/M3

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Proprietary: NO  
Ingredient: ISOTHIOCYANIC ACID, ALLYL ESTER; (MUSTARD OIL)  
Ingredient Sequence Number: 06  
NIOSH (RTECS) Number: NX8225000  
CAS Number: 57-06-7  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)  
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Proprietary: NO  
Ingredient: COLORANT AND VARIOUS DYES  
Ingredient Sequence Number: 07  
NIOSH (RTECS) Number: 1011188CD  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)  
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Proprietary: NO  
Ingredient: SUP DAT: EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR  
CHRONICALLY EXPOSED TO CHLOROCARBONS (FP N).  
Ingredient Sequence Number: 08  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE  
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Proprietary: NO  
Ingredient: FIRST AID PROC: DO NOT USE SYMPATHOMIMETIC AGENTS (E.G.,  
EPINEPHRINE) IN HALOGENATED HYDROCARBON POISONING (ING 10)  
Ingredient Sequence Number: 09  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE  
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Proprietary: NO  
Ingredient: ING 9: BECAUSE OF POSSIBLE INDUCTION OF VENTRICULAR  
FIBRILLATION.  
Ingredient Sequence Number: 10  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE  
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Physical/Chemical Characteristics

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Appearance And Odor: WHITE OR COLORED FLUID, WITH A PUNGENT SOLVENT ODOR  
Boiling Point: 165F, 74C  
Melting Point: N/A  
Vapor Pressure (MM Hg/70 F): 100  
Vapor Density (Air=1): 4.5  
Specific Gravity: 1.7 (H\*20=1)  
Evaporation Rate And Ref: SLOWER THAN ETHER  
Solubility In Water: <1%  
Percent Volatiles By Volume: 50  
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Fire and Explosion Hazard Data

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Flash Point: >200F, >93C  
Flash Point Method: CC  
Lower Explosive Limit: N/A  
Upper Explosive Limit: N/A  
Extinguishing Media: AS FOR ADJACENT FIRE: DRY CHEMICAL, FOAM, CARBON  
DIOXIDE, WATER FOG.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA  
& FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire And Expl Hazrds: CONCENTRATED VAPOR OF 1,1,1-TRICHLOROETHANE CAN BURN, PRODUCING HAZARDOUS DECOMP PRODUCTS. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE (FP N).

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## Reactivity Data

Stability: YES

Cond To Avoid (Stability): CONTACT WITH OPEN FLAME OR OTHER HIGH TEMPERATURE SOURCE.

Materials To Avoid: FOR SOLVENT: STRONG ALKALIS/OXIDIZERS; ALUMINUM, ZINC AND OTHER REACTIVE METALS (E.G., POTASSIUM, SODIUM, MAGNESIUM).

Hazardous Decomp Products: THERMAL DEGRADATION, E.G., OPEN FLAME, CAN PRODUCE SMALL AMOUNTS OF PHOSGENE, HYDROGEN CHLORIDE AND CHLORINE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

## Health Hazard Data

LD50-LC50 Mixture: LD50 (ORAL RAT): &gt; 5 ML/KG.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: ACUTE: INHAL: NONE ANTIC UNDER FORESEEABLE USE CNDTNS. IF VAPS ARE DELIBERATELY CONC & INHALED (ABUSE), FOLLOWING SYMP MAY OCCUR: RESP IRRIT, DIZZ, DROW, HDCH, NAUS, UNCON, CARD SENSIT (ABNORM HEARTBEAT), COMA & DEATH. (MUSTARD OIL IS ADDED TO PROD AS ABUSE DETERRENT.)

) INGEST: NONE ANTIC UNDER (EFFECTS OF OVEREXPOSURE)

Carcinogenicity - NTP: YES

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: PHTHALIC ACID, BIS(2-ETHYLHEXYL)ESTER: IARC MONO, SUPP, VOL 7, PG 56, 1987: GROUP 2B. NTP 7TH ANNUAL REPORT ON (SUP DAT)

Signs/Symptoms Of Overexp: HLTH HAZ: FORESEEABLE USE CNDTNS. DEPENDING ON AMT INGESTED, MOST OF SYMP DESCRIBED ABOVE MAY OCCUR. SKIN: NONE ANTIC UNDER FORESEEABLE USE CNDTNS. IRRIT MAY OCCUR IF CONT IS PRLNG/RPTD. SKIN ABSORPTION: NONE ANTIC UNDER FORESEEABLE USE CNDTNS. SOLV CAN BE ABSORBED THRU SKIN (PRLNG CONT), BUT NOT LIKELY IN (SUP DAT)

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 NONE NORMALLY ANTIC. IN ABUSE SITUATION, IF BRTHG HAS STOPPED, ADMIN ARTF RESP & SEEK MED ATTN IMMED. INGEST: CONSULT MD. NOTES TO MD: THE FORMULATION CONTAINS LESS THAN 5% PETRO DISTIL. INDUCTION OF VOMIT SHOULD BE CONSIDERED AT THE DISCRETION OF MD. (ING 9)

## Precautions for Safe Handling and Use

Steps If Matl Released/Spill: PICK UP SPILLS WITH TOWELS, TISSUES, ETC, AND PLACE IN TRASH.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE AS REGULAR TRASH. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE &amp; FEDERAL REGULATIONS (FP N).

Precautions-Handling/Storing: NO UNUSUAL HANDLING OR STORAGE WHEN USED AS DIRECTED. WHEN STORED IN LARGE QUANTITIES (AS IN WAREHOUSE), IT SHOULD BE IN WELL-VENTILATED, COOL AREA.

Other Precautions: NO SMOKING IN AREA OF USE. DO NOT USE IN THE GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT AND/OR UV RADIATION MAY CAUSE THE FORMATION OF HCL AND/OR PHOSGENE (FP N).

## Control Measures

Respiratory Protection: NONE UNDER NORMAL USE CONDITIONS. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: NONE UNDER NORMAL USE CNDTNS. PRODUCT IS NON-HAZARDOUS WHEN

USED AS DIRECTED IN AN OFFICE/ROOM W/NORMAL AIR CIRCULATION.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: CARCIN EXPLAN: CARCINS, 1994: ANTIC TO BE IRRIT. CHLOROCARBON MATLS HAVE PRODUCED SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED (ING 8)

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Transportation Data

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Trans Data Review Date: 97007

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 17JAN96

Label Date: 17JAN96

Label Status: B

Common Name: LIQUID PAPER CORRECTION FLUID

Chronic Hazard: YES

Signal Word: WARNING!

Acute Health Hazard-Moderate: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: COMBUSTIBLE. ACUTE: INHALATION OF VAPORS MAY CONTRIBUTE TO THE OCCURRENCE OF IRREGULAR HEARTBEAT (FP N). INHALATION/ INGESTION: IRRITATION; DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, UNCONSCIOUSNESS, CARDIAC SENSITIZATION (ABNORMAL HEARTBEAT), COMA AND DEATH. SKIN/EYES: IRRITATION. CHRONIC: CANCER HAZARD. CONTAINS PHTHALIC ACID, BIS(2-ETHYLHEXYL)ESTER, WHICH IS LISTED AS AN ANIMAL LIVER AND TESTES CARCINOGEN (FP N).

Protect Eye: X

Protect Skin: X

Protect Respiratory: X

Label Name: GILLETTE MEDICAL EVALUATION LABS

Label Street: 401 PROFESSIONAL DR

Label City: GAITHERSBURG

Label State: MD

Label Zip Code: 20879

Label Country: US

Label Emergency Number: 301-590-9781

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