

GILLETE MEDICAL EVALUATION LABORATORIES -- LIQUID PAPER CORRECTION  
FLUID, WHITE & (SUP  
MATERIAL SAFETY DATA SHEET  
NSN: 751000N019336  
Manufacturer's CAGE: 26333  
Part No. Indicator: A  
Part Number/Trade Name: LIQUID PAPER CORRECTION FLUID, WHITE & (SUP

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General Information

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Company's Name: GILLETE MEDICAL EVALUATION LABORATORIES  
Company's Street: 401 PROFESSIONAL DRIVE  
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#: 001  
Status: SMJ  
Date MSDS Prepared: 22AUG90  
Safety Data Review Date: 14JUL95  
MSDS Serial Number: BLHLX  
Hazard Characteristic Code: N1

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)  
Ingredient Sequence Number: 01  
NIOSH (RTECS) Number: KJ2975000  
CAS Number: 71-55-6  
OSHA PEL: 350 PPM/450 STEL  
ACGIH TLV: 350 PPM/450STEL;9192

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Proprietary: NO  
Ingredient: 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; 9293

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Proprietary: NO  
Ingredient: RESINS  
Ingredient Sequence Number: 03  
NIOSH (RTECS) Number: 1000250RE  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: MINERAL SPIRITS (LIMITS AS STODDARD SOLVENT)

Ingredient Sequence Number: 04  
NIOSH (RTECS) Number: 1003051NA  
CAS Number: 64741-65-7  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM

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Proprietary: NO  
Ingredient: DI-SEC-OCTYL PHTHALATE (DI-2-ETHYLHEXYL-PHTHALATE) (SARA III)  
Ingredient Sequence Number: 05  
NIOSH (RTECS) Number: TI0350000  
CAS Number: 117-81-7  
OSHA PEL: 5 MG/M3/10 STEL  
ACGIH TLV: 5 MG/M3; 9192

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Proprietary: NO  
Ingredient: MUSTARD OIL  
Ingredient Sequence Number: 06  
NIOSH (RTECS) Number: NX8225000  
CAS Number: 57-06-7  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: COLORANTS  
Ingredient Sequence Number: 07  
NIOSH (RTECS) Number: 1001827CO  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: FIRST AID PROC: DISTILLATES. INDUCTION OF VOMIT SHOULD BE CONSIDERED AT DISCRETION OF MD. DO NOT USE SYMPATHOMIMETIC (ING 9)  
Ingredient Sequence Number: 08  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: ING 8: AGENTS (E.G. EPINPHRINE) IN HALOGENATED HYDROCARBON POISONING BECAUSE OF POSS INDUCTION OF VENTRICULAR FIBRILLATION.  
Ingredient Sequence Number: 09  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: SUPP DATA: MAY BE CONTRAINDICATED EXCEPT FOR LIFE SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO (ING 11)  
Ingredient Sequence Number: 10  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: ING 10: CHLOROCARBONS (FP N).  
Ingredient Sequence Number: 11

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  
Evaporation Rate And Ref: SLOWER (ETHER = 1)  
Solubility In Water: 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, CO2, WATER FOG.  
Special Fire Fighting Proc: IN FIRES INVOLVING LARGE QUANTITIES OF PRODUCT, USE 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 HAZ DECOMP PRODS. THERMAL DECOMPOSITION PRODS MAY INCLUDE HCL AND PHOSGENE (FP N).

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Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): CONTACT WITH OPEN FLAME OR OTHER HIGH TEMPERATURE SOURCE.  
Materials To Avoid: FOR SOLV: STRONG ALKALIS/OXIDIZERS; ALUMINUM, ZINC & OTHER REACTIVE METALS (E.G. POTASSIUM, SODIUM, MAGNESIUM).  
Hazardous Decomp Products: THERMAL DECOMPOSITION, E.G. OPEN FLAME, CAN PRODUCE SMALL AMOUNTS OF PHOSGENE, HYDROGEN CHLORIDE AND CHLORINE.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: LD50:(ORAL,RAT) >5 ML/KG  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: INHAL: NO ADVERSE EFFECTS ANTICIPATED FROM

NORMAL USE. IF VAPORS ARE DELIBERATELY CONC & INHALED (ABUSE), FOLLOWING SYMPTOMS MAY OCCUR: RESP IRRIT, DIZZ, DROWSINESS, HDCH, NAUS, UNCONS, CARDIAC SENSIT (ABNORMAL HEARTBEAT), COMA & DEATH. (MUSTARD OIL IS ADDED TO PROD AS AN ABUSE DETERRENT). INGEST: (SEE EFTS OF OVEREXP)  
Carcinogenicity - NTP: YES  
Carcinogenicity - IARC: YES  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: DI(2-ETHYLHEXYL)PHTHALATE - CLASS 2 (NTP); CLASS 2B (IARC).  
Signs/Symptoms Of Overexp: HLTH HAZ: NO ADVERSE EFFECTS ANTICIPATED FROM NORMAL USE. DEPENDING ON AMT INGESTED, MOST OF THE SYMP DESCRIBED ABOVE MAY OCCUR. SKIN: (CONTACT) NO ADVERSE EFFECTS ANTICIPATED FROM NORMAL USE. IRRIT MAY OCCUR IF CONTACT IS PRLNGD/RPTD. (ABSORP) NO ADVERSE EFFECTS ANTICIPATED FROM NORMAL USE. SOLVENT CAN (SUPP DATA)  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 NO ADVERSE EFFECTS ANTICIPATED FROM NORMAL USE. IN AN ABUSE SITUATION, REMOVE FROM SOURCE OF EXPOS. TREAT SYMPTOMATICALLY. OXYGEN MAY BE ADMINISTERED. CALL MD IMMED & REFER TO NOTES TO MD. INGEST: CALL MD.

NOTE TO MD: THE FORMULATION CONTAINS LESS THAN 5% PETRO (SEE ING 8)

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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: PICK UP SPILLS WITH TOWELS, TISSUES, ETC.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Method: DISPOSE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS.  
Precautions-Handling/Storing: NO UNUSUAL HANDLING OR STORAGE WHEN USED AS DIRECTED; WHEN STORED IN LARGE QTYS (AS IN WAREHOUSE), IT SHOULD BE IN A WELL-VENT, COOL AREA.  
Other Precautions: PROD IS NON-HAZ WHEN USED AS DIRECTED IN OFFICE/ROOM W/ NORMAL AIR CIRCULATION.NO SMOKING IN AREA OF USE.DO NOT USE IN GEN VICINITY OF ARC WELD/OPEN FLAME/HOT SURF.HEAT AND/OR UV RADIATION MAY CAUSE FORMATION OF HCL AND/OR PHOSGENE (FP N).

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Control Measures  
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Respiratory Protection: NONE UNDER NORMAL USE CONDITIONS.  
Ventilation: NONE UNDER NORMAL USE CONDITIONS.  
Protective Gloves: NONE UNDER NORMAL USE CONDITIONS.  
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).  
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: MFR PART NO: COLORS, LPCF-4, LPCF-8, LPCF-9.

EFTS OF OVEREXP: BE ABSORBED THRU SKIN (PRLNGD CONT), BUT NOT LIKELY IN ACUTELY TOXIC AMTS. EYE: IRRIT. CHLOROCARBON MATLS HAVE PRODUCED SENSIT OF

MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE A SIMILAR EFT IN HUMANS. ADRENOMIMETICS (E.G. EPINEPHRINE) (SEE ING 10)

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Transportation Data

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Trans Data Review Date: 91351  
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  
Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

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Disposal Data

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Label Data

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Label Required: YES  
Technical Review Date: 04OCT91  
Label Date: 04OCT91  
Label Status: G  
Common Name: LIQUID PAPER CORRECTION FLUID, WHITE & (SUPP DATA)  
Chronic Hazard: YES  
Signal Word: WARNING!  
Acute Health Hazard-Slight: X  
Contact Hazard-Moderate: X  
Fire Hazard-None: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: ACUTE: CAUSES EYE IRRITATION. AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING. NO OTHER ADVERSE HEALTH EFFECTS  
ARE ANTICIPATED FROM NORMAL USE. IF DELIBERATELY CONCENTRATED & INHALED (ABUSED): MAY CAUSE RESPIRATORY TRACT IRRITATION, CARDIAC SENSITIZATION, COMA AND DEATH. IRRITATION MAY OCCUR IF CONTACT IS PROLONGED/REPEATED. AVOID BREATHING VAPOR. AVOID PROLONGED CONTACT WITH SKIN. CHRONIC: SUSPECT  
CANCER HAZARD. CONTAINS MATERIAL WHICH MAY CAUSE CANCER.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: GILLETE MEDICAL EVALUATION LABORATORIES

Label Street: 401 PROFESSIONAL DRIVE

Label City: GAITHERSBURG

Label State: MD

Label Zip Code: 20879

Label Country: US

Label Emergency Number: 301-590-9781