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MATERIAL SAFETY DATA SHEET PAGE 2

PRODUCT #: MF: C2H60

CUST#: 938609 PD#: 80409 362808 NAME: ETHYL ALCOHOL, DENATURED

KEEP AWAY FROM SOURCES OF IGNITION. NO SMOKING. DO NOT BREATHE VAPOR. HYGROSCOPIC HANDLE AND STORE UNDER NITROGEN.

SECTION 4. - - - - -- - FIRST-AID MEASURES- - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. ASSURE ADEQUATE FLUSHING OF THE EYES BY SEPARATING THE EYELIDS IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

CTION 5. - - - - -- - - - FIRE FIGHTING MEASURES - -EXTINGUISHING MEDIA EXTINGUISHING MEDIA CARBON DIDXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM. SPECIAL FIREFIGHTING PROCEDURES WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. FLAMMABLE LIQUID. UAL FIRE AND EXPLOSIONS HAZARDS EMITS TOXIC FUMES UNDER FIRE CONDITIONS. VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGN IT ION AND VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF FLASH BACK. CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS.

SECTION 6. - - - - - - - ACCIDENTAL RELEASE MEASURES- -SHUT OFF ALL SOURCES OF IGNITION.

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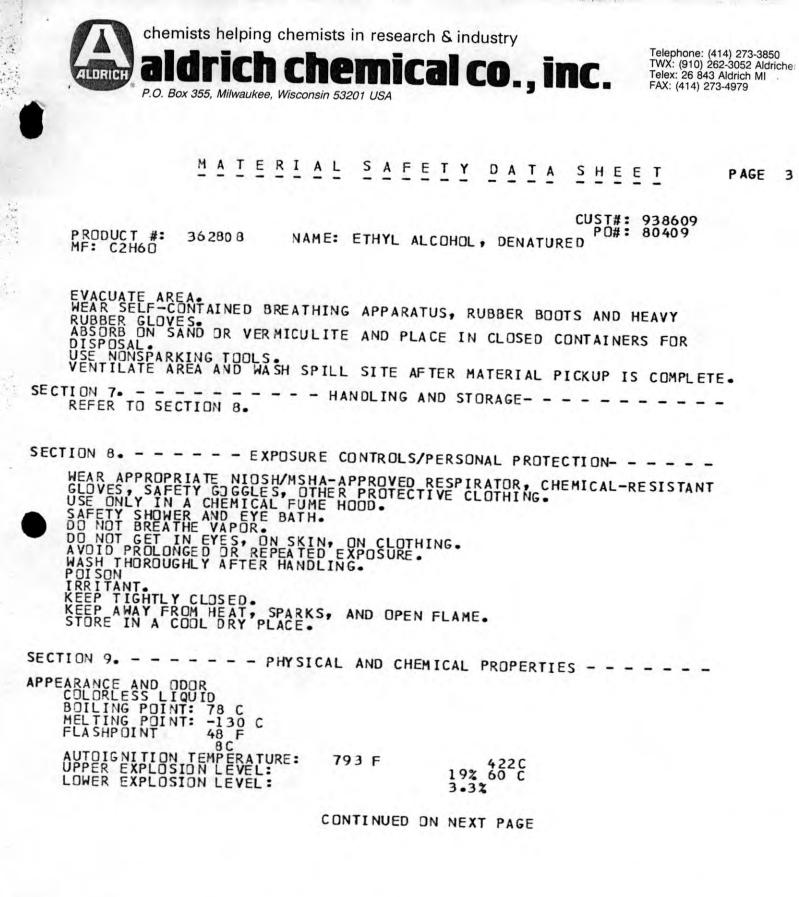
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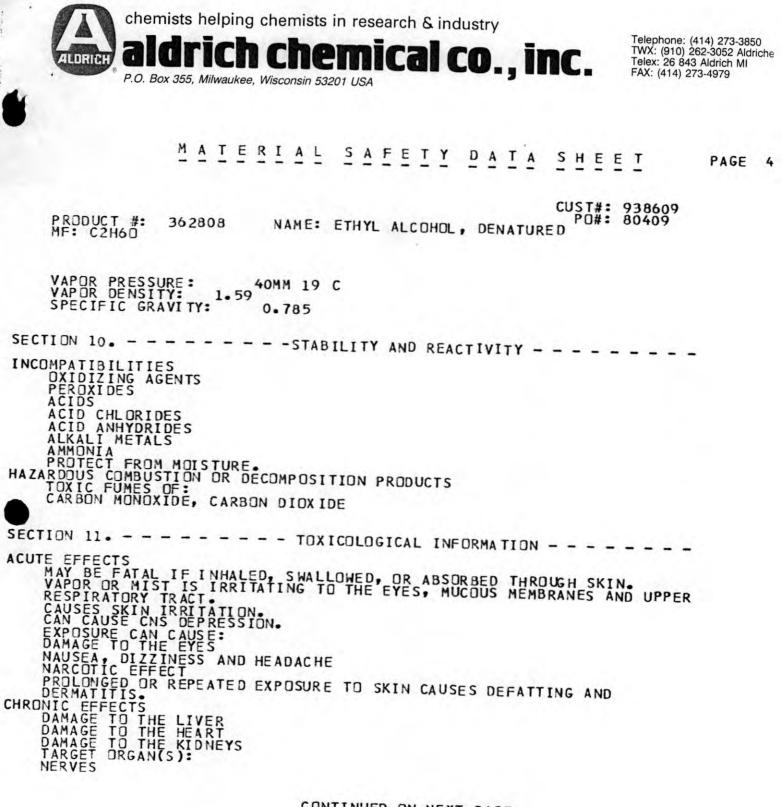
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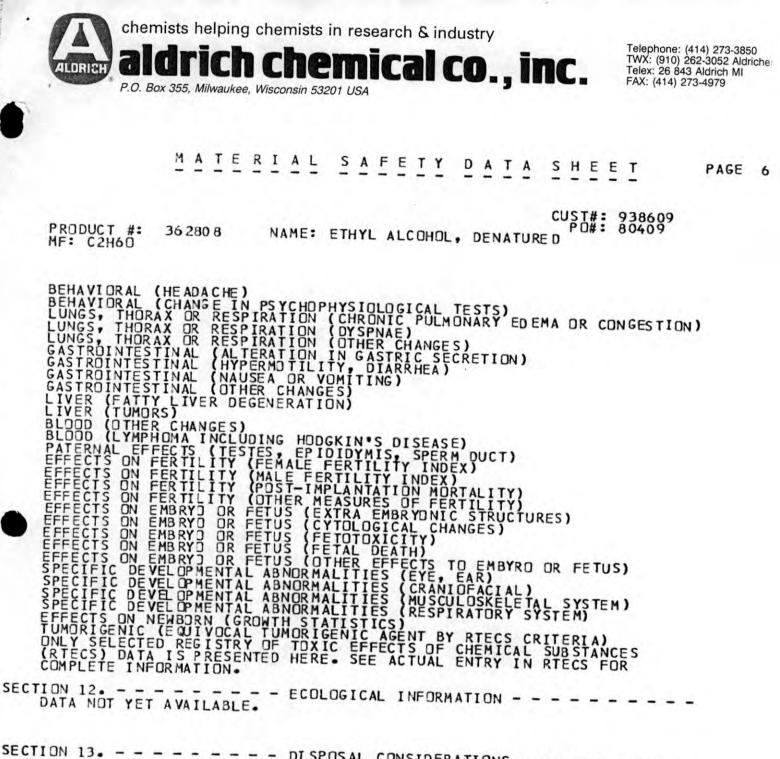
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- - - - DI SPOSAL CONSIDERATIONS

BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND

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7

MATERIAL SAFETY DATA SHEET PAGE CUST#: 938609 PO#: 80409 PRODUCT #: 36 280 8 NAME: ETHYL ALCOHOL, DENATURED MF: C2H60 SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. SECTION 14. - -- - TRANSPORT INFORMATION - -CONTACT ALDRICH CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION . SECTION 15. - - - - - - REGULATORY INFORMATION - -AND SOURCE FOR METHYL ALCOHOL - SKIN: ACGIH TLV-TWA: 200 PPM (260 MG/M3); STEL: 250 PPM (310 MG/M3). DSHA PEL: 8 H TWA 200 PPM (260 MG/M3); STEL: 250 PPM (310 MG/M3). FOR 2-PROPANOL (ISOPROPYL ALCOHOL): ACGIH TLV-TWA: 400 PPM (983 MG/M3); STEL: 500 PPM (1230 MG/M3). DSHA PEL: 8H TWA: 400 PPM (983 MG/M3); STEL: 500 PPM (1225 MG/M3). DSHA PEL: 8H TWA: 400 PPM (983 MG/M3); STEL: 500 PPM (1225 MG/M3). COMPONENT OF THIS PRODUCT. IEWS, STANDARDS, AND REGULATIONS ACGIH TLV-TWA 1000 PPM IARC CANCER REVIE W:ANIMAL INADEQUATE EVIDENCE IMEMOT 44,35,88 EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION FEREAC 54,7740,89 MSHA STANDARD-AIR:TWA 1000 PPM (1900 MG/M3) DTLVS* 3,103,71 OSHA PEL (GEN INDU):8H TWA 1000 PPM (1900 MG/M3) AND SOURCE MSHA STANDARD-AIR:TWA 1000 PPM (1900 MG/M3) DTLVS* 3,103,71 DSHA PEL (GEN INDU):8H TWA 1000 PPM (1900 MG/M3) CFRGBR 29,1910.1000,94 DSHA PEL (CONSTRUC):8H TWA 1000 PPM (1900 MG/M3) CFRGBR 29,1926.55,94 DSHA PEL (SHIPYARD):8H TWA 1000 PPM (1900 MG/M3) CFRGBR 29,1915.1000,93 DSHA PEL (SHIPYARD):8H TWA 1000 PPM (1900 MG/M3) CFRGBR 41,50-204.50,94 DEL-AUSTRALIA:TWA 1000 PPM (1900 MG/M3) JAN93 DEL-BELGIUM:TWA 1000 PPM (1900 MG/M3) JAN93 DEL-CZECHDSLOVAKIA:TWA 1000 MG/M3;STEL 5000 MG/M3 JAN93 DEL-FINLAND:TWA 1000 PPM (1900 MG/M3);STEL 1250 PPM (2400 DEL-FRANCE:TWA 1000 PPM (1900 MG/M3);STEL 5000 PPM JAN93

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1250 PPM (2400 MG/M3) JAN93

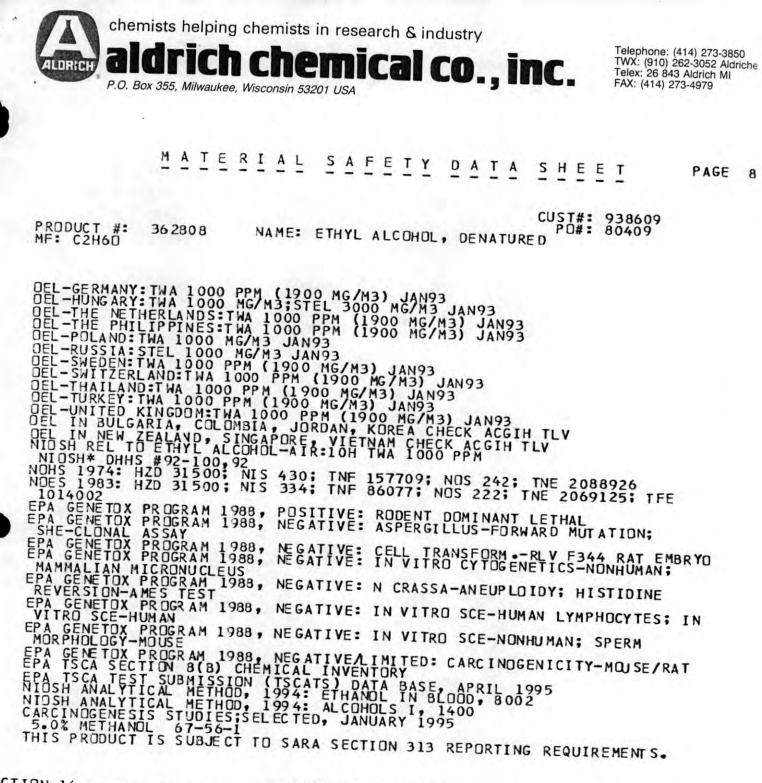
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MATERIAL SAFETY SHEE DATA PAGE Т 9

CUST#: 938609 PO#: 80409

PRODUCT #: MF: C2H60

36 280 8

NAME: ETHYL ALCOHOL, DENATURED

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