ATTN: SAFETY DIRECTOR
UNIV OF WISCONSIN - WHITewater
PURCHASING OFFICE
800 W MAIN ST
WHITewater, WI 53190-1705

EMERGENCY PHONE 1-414-273-3850
DATE 10/22/99
CUST#: 049504629
PO#: CC/102099/ASALA

MATERIAL SAFETY DATA SHEET PAGE 1

SECTION 1. - - - - - - CHEMICAL IDENTIFICATION - - - - - - -

CATALOG #: 36306-5
NAME: POLY(VINYL ALCOHOL), 99+% HYDROLYZED,
AVERAGE MW 124,000-186,000

SECTION 2. - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - -

CAS #: 9002-89-5

SYNONYMS
ALCOTEX 88/05 * ALCOTEX 88/10 * ALKOTEX * ALVYL * ARACET APV *
CIPOVIOL W 72 * COVOL * COVOL 971 * ELVANOL * ELVANOL 50-02 * ELVANOL
52-22 * ELVANOL 71-05 * ELVANOL 71-30 * ELVANOL 90-50 * ELVANOL 522-
25 * ELVANOL 73125G * EP 160 * ETHENOL HOMOPOLYMER (9CI) * GELVATOL 1-
60 * GELVATOL * GELVATOL 1-30 * GELVATOL 1-90 * GELVATOL 3-91 *
GELVATOL 20-30 * GELVATOL 2090 * GH 20 * GL 02 * GL 03 * GLO 5 * GM
14 * GOSSENOL * GOSSENOL AH 22 * GOSSENOL GM * GOSSENOL GH 17 *
GOSSENOL GH 20 * GOSSENOL GH 23 * GOSSENOL GM 04 * GOSSENOL GM 04 *
GOSSENOL GM 14L * GOSSENOL NH 05 * GOSSENOL NH 05 * GOSSENOL NH 17 *
GOSSENOL NH 20 * GOSSENOL NH 26 * GOSSENOL NK 114 * GOSSENOL NL 05 *
GOSSENOL NM 14 * IVALON * KURALON VP * KURARE POVAL 1700 * KURARE PVA
205 * KURATE POVAL 120 * LEMOL * LEMOL 5-88 * LEMOL 5-98 * LEMOL 12-
88 * LEMOL 16-98 * LEMOL 24-98 * LEMOL 30-98 * LEMOL 51-98 * LEMOL 60-
98 * LEMOL 75-98 * LEMOL GM 60 * M 13/20 * MOWIOL * MOWIOL N 30-88 *
MOWIOL N 50-98 * MOWIOL N 70-98 * NH 18 * NM 11 * NM 4 * POLYDEESIS *
POLYESTER 173 * POLYVINIL * POLYVINIL * POLYVINIL M 13/140 * POLYVINIL
M 5/140 * POLYVINIL W 25/140 * POLYVINIL W 40/140 * POVAL 117 * POVAL
120 * POVAL 203 * POVAL 205 * POVAL 217 * POVAL 1700 * POVAL C 17 *
PVA 008 * PVS 4 * RESISTOFLEX * RHODIOVOL * RHODIOVOL 4/125 *
RHODIOVOL 16/200 * RHODIOVOL 4-125P * RHODIOVOL R 16/20 * SOLVAR *
SUMITEX H 10 * VIBATEX S * VINACOL MH * VINALAK * VINAROL * VINAROL
DT * VINAROLE * VINAROL ST * VINA-VIOL 2-98 * VINAROL * VINOL *
VINOL 125 * VINOL 205 * VINOL 351 * VINOL 523 * VINOL UNISIZE * VINYL
ALCOHOL POLYMER * VINYLON FILM 2000 *

SECTION 3. - - - - - - HAZARDS IDENTIFICATION - - - - - - -

LABEL PRECAUTIONARY STATEMENTS
CAUTION:
AVOID CONTACT AND INHALATION.

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

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR.
FLUSH SKIN WITH WATER.
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
CONTINUED ON NEXT PAGE
CUST#: 049504629
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CATALOG #: 36306-5
NAME: POLY(VINYL ALCOHOL) 99+% HYDROLYZED, AVERAGE MW 124,000-186,000

WATER FOR AT LEAST 15 MINUTES.

SECTION 5. - - - - - - - - FIRE FIGHTING MEASURES - - - - - - - -

EXTINGUISHING MEDIA
WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS
UNDER FIRE CONDITIONS, MATERIAL MAY DECOMPOSE TO FORM FLAMMABLE AND/OR EXPLOSIVE MIXTURES IN AIR.

SECTION 6. - - - - - - - - ACCIDENTAL RELEASE MEASURES- - - - - - - -

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
Sweep up, place in a bag and hold for waste disposal.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - - - - HANDLING AND STORAGE- - - - - - - -
REFER TO SECTION 8.

SECTION 8. - - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - - -
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
MECHANICAL SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
DO NOT BREATHE DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - - -
APPEARANCE AND ODOR
OFF WHITE CRYSTALLINE POWDER

SECTION 10. - - - - - - STABILITY AND REACTIVITY - - - - - -
INCOMPATIBILITIES
STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
CONTINUED ON NEXT PAGE
CATALOG #: 36306-5
NAME: POLY(VINYL ALCOHOL), 99+% HYDROLYZED, AVERAGE MW 124,000-186,000

SECTION 11. - - - - - - - TOXICOLOGICAL INFORMATION - - - - - - -

ACUTE EFFECTS
MAY CAUSE SKIN IRRITATION.
MAY CAUSE EYE IRRITATION.
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

RTECS #: TR8100000
POLYVINYL ALCOHOL

TOXICITY DATA
ORL-RAT LD50: >20 GM/KG
ORL-MUS LD50: 14700 MG/KG

GHSAA 51(10), 75, 1986
GHSAA 51(10), 75, 1986

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION 12. - - - - - - - ECOLOGICAL INFORMATION - - - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - - - DISPOSAL CONSIDERATIONS - - - - - - -

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - - - TRANSPORT INFORMATION - - - - - - -

CONTACT ALDRICH CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - - - REGULATORY INFORMATION - - - - - - -

EUROPEAN INFORMATION
CAUTION: SUBSTANCE NOT YET FULLY TESTED.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK
IARC CANCER REVIEW: HUMAN NO ADEQUATE DATA IMEMD 19, 341, 1979
IARC CANCER REVIEW: ANIMAL INADEQUATE EVIDENCE IMEMD 19, 341, 1979
IARC CANCER REVIEW: GROUP 3
NHS 1974: HZD 81344; NIS 159; TNE 124708
NOS 1983: HZD X8571; NIS 181; TNE 25435; NOS 133; TNE 500947; TFE 183064
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JUNE 1999

SECTION 16. - - - - - - - OTHER INFORMATION - - - - - - -
CONTINUED ON NEXT PAGE

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ALDRICH CHEMICAL COMPANY, INC.
P.O. BOX 355
MILWAUKEE, WISCONSIN 53201, USA

CUST#: 049504629
PO#: CC/102099/ASALA

MATERIAL SAFETY DATA SHEET PAGE 4

CATALOG #: 36306-5
NAME: POLY(VINYL ALCOHOL), 99+% HYDROLYZED,
      AVERAGE MW 124,000-186,000

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