



POST OFFICE BOX 14508
SAINT LOUIS, MISSOURI 63178, USA

FAX: USA/CANADA 1-800-325-5052 OUTSIDE USA/CANADA 314-771-5757
TELEX: 910-761-0593 or 434475 ANSWERBACK "SIG OK COLLECT"

TELEPHONE: USA/CANADA 1-800-325-3010
OUTSIDE USA/CANADA call COLLECT 314-771-5750

THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH
BIOCHEMICALS AND DIAGNOSTIC REAGENTS

ATTN: SAFETY DIRECTOR
UNIV OF WISC-WHITEWATER
PURCHASING OFFICE
800 W MAIN ST
WHITEWATER WI 53190-1705

EMERGENCY PHONE 1-314-771-5765

DATE: 09/08/93
CUST#: 2-097-94816
PO#: UND-41251

MATERIAL SAFETY DATA SHEET PAGE 1

SECTION 1. CHEMICAL IDENTIFICATION

PRODUCT #: P7516 NAME: POLYOXYETHYLENE ETHERS W-1

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS
DATA NOT AVAILABLE

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.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
SHOES. CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.
IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING
THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

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.

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.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. HANDLING AND STORAGE

CONTINUED ON NEXT PAGE

BRANCH OFFICES AT:

SIGMA CHEMIE GmbH
Grünwalder Weg 30
D-8024 Deisenhofen
Deutschland.

SIGMA QUIMICA
Apt. Correos 161
28100 Alcobendas (Madrid)
España.

SIGMA-ALDRICH, s.r.o.
Krizikova 27
180 00 Praha 8
Czechoslovakia

SIGMA CHEMIE
K. Cardijnplein, 8
B-2880 Bornem
Belgie/Belgique.

SIGMA CHEMIE
P.O. Box 260
CH-9470 Buchs
Switzerland.

SIGMA CHEMICAL CO. LTD.
Fancy Road, Poole,
Dorset BH17 7NH

SIGMA CHIME
L'Isle - D'Abeau Chesnes
B.P.701

SIGMA CHIMICA
Div. della Sigma-Aldrich S.r.l.
Via Gallarate 154
20151 Milano

Sigma-Aldrich Pty., Limited
Unit 2, 10 Anella Ave.
Castle Hill NSW 2154
Australia

SIGMA-ALDRICH CHEMICAL
REPRESENTAÇÕES LTDA.
Rua Sabará, 566 - Conj. 53
01220-010 São Paulo, SP

THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH
BIOCHEMICALS AND DIAGNOSTIC REAGENTS

M A T E R I A L S A F E T Y D A T A S H E E T

PAGE 2

CUST#: 2-097-94816
PO#: UND-41251

PRODUCT #: P7516

NAME: POLYOXYETHYLENE ETHERS W-1

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION - - - - -

NIOSH/MSHA-APPROVED RESPIRATOR.
MECHANICAL EXHAUST.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
CHEMICAL SAFETY GOGGLES.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR
SOLID.
SOLUBILITY: WATER-SOLUBLE

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

STABILITY
STABLE.
INCOMPATIBILITIES
STRONG OXIDIZING AGENTS
STRONG BASES
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE
HAZARDOUS POLYMERIZATION
WILL NOT OCCUR.

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

ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE IRRITATION.
THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
INVESTIGATED.

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
DATA NOT YET AVAILABLE.

CONTINUED ON NEXT PAGE

BRANCH OFFICES AT:

SIGMA CHEMIE GmbH
Grünwalder Weg 30
D-8024 Deisenhofen
Deutschland.

SIGMA QUIMICA
Apt. Correos 161
28100 Alcobendas (Madrid)
España.

SIGMA-ALDRICH, s.r.o.
Krizkova 27
180 00 Praha 8
Czechoslovakia

SIGMA CHEMIE
K. Cardijnplein, 8
B-2880 Bornem
Belgie/Belgique.

SIGMA CHEMIE
P.O. Box 260
CH-9470 Buchs
Switzerland.

SIGMA CHEMICAL CO. LTD.
Fancy Road, Poole,
Dorset BH17 7NH

SIGMA CHIMIE
L'Isle - D'Abeau Chesnes
B.P.701

SIGMA CHIMICA
Div. della Sigma-Aldrich S.r.l.
Via Gallarate 154

Sigma-Aldrich Pty., Limited
Unit 2, 10 Anella Ave.
Castle Hill NSW 2154

**SIGMA-ALDRICH CHEMICAL
REPRESENTAÇÕES LTDA.**
Rua Sabará, 566 - Conj. 53

M A T E R I A L S A F E T Y D A T A S H E E T

CUST#: 2-097-94816
PO#: UND-41251

PRODUCT #: P7516

NAME: POLYOXYETHYLENE ETHERS W-1

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 SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

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

DATA NOT AVAILABLE

SECTION 16. ----- OTHER INFORMATION -----

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO
BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SIGMA SHALL NOT BE
HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH
THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR
ADDITIONAL TERMS AND CONDITIONS OF SALE.

COPYRIGHT 1993 SIGMA CHEMICAL CO.
LICENSE GRANTED TO MAKE UNLIMITED COPIES FOR INTERNAL USE ONLY

BRANCH OFFICES AT:

SIGMA CHEMIE GmbH
Grünwalder Weg 30
D-8024 Deisenhofen
Deutschland.

SIGMA QUIMICA
Apt. Correos 161
28100 Alcobendas (Madrid)
España.

SIGMA-ALDRICH, s.r.o.
Krizikova 27
180 00 Praha 8
Czechoslovakia

SIGMA CHEMIE
K. Cardijnplein, 8
B-2880 Bornem
Belgie/Belgique.

SIGMA CHEMIE
P.O. Box 260
CH-9470 Buchs
Switzerland.

SIGMA CHEMICAL CO. LTD.
Fancy Road, Poole,
Dorset RH17 7NH

SIGMA CHIMIE
L'Isle - D'Abeau Chesnes
B.P.701

SIGMA CHIMICA
Div. della Sigma-Aldrich S.r.l.
Via Gallarate 154

Sigma-Aldrich Pty., Limited
Unit 2, 10 Anella Ave.
Castle Hill NSW 2154

SIGMA-ALDRICH CHEMICAL
REPRESENTAÇÕES LTDA.
Rua Sabará, 566 - Conj. 53