



chemists helping chemists in research & industry

**aldrich chemical co.**

® P.O. Box 355, Milwaukee, Wisconsin 53201 USA • (414) 273-3850

ATTN: SAFETY DIRECTOR  
SCHOOLCRAFT COLLEGE  
PURCHASING DEPT  
18600 HAGGERTY RD  
LIVONIA  
MARGARET JUDD

MI 48152

DATE: 03/10/87  
CUST # 938609 P.O. #

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

PAGE: 1

IDENTIFICATION

PRODUCT # 13310-8      NAME: PROPYL ACETATE, 99%  
CAS # 109-60-4

TOXICITY HAZARDS

RTECS # AJ3675000

ACETIC ACID, PROPYL ESTER

IRRITATION DATA

SKN-RBT 500 MG OPEN MLD

UCDS\*\* 1/25/65

TOXICITY DATA

ORL-RAT LD50:9370 MG/KG

FCTXAV 2,327,64

ORL-MUS LD50:8300 MG/KG

FCTXAV 2,327,64

IPR-MUS LD50:1420 MG/KG

SCCUR\* -,8,61

ORL-RBT LD50:6640 MG/KG

IMSUA1 41,31,72

REVIEWS, STANDARDS, AND REGULATIONS

MSHA STANDARD-AIR:TWA 200 PPM (840 MG/M3) DTLVS\* 3,216,71

OSHA STANDARD-AIR:TWA 200 PPM FEREAC 39,23540,74

REPORTED IN EPA TSCA INVENTORY, 1983

"NIOSH MANUAL OF ANALYTICAL METHODS, 3RD ED." SEE: METHOD 1450

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE FEREAC 47,30420, 82

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

HEALTH HAZARD DATA

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
VAPOR OR MIST IS IRRITATING TO THE EYES, MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.  
CAUSES SKIN IRRITATION.  
PROLONGED EXPOSURE CAN CAUSE:  
NAUSEA, HEADACHE AND VOMITING  
NARCOTIC EFFECT.

FIRST AID

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.  
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.  
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
CALL A PHYSICIAN.

PHYSICAL DATA

MELTING POINT: -95 C  
SPECIFIC GRAVITY: 0.888

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 55 F

USA  
Aldrich Chemical Co., Inc.  
940 West Saint Paul Avenue  
Milwaukee, Wisconsin 53233  
Telephone: (414) 273-3850  
TWX: (910) 262-3052 Aldrichem MI  
Telex: 26 843 Aldrich MI  
FAX: (414) 273-4979

Belgium  
Aldrich Chemie N.V./S.A.  
6 Rue Caporal Claes  
B-1030 Brussels  
Telephone: (02) 2428750  
Telex: 62302 Alchem B

France  
Aldrich-Chimie S.a.r.l.  
27, Fossé des Treize  
F-67000 Strasbourg  
Telephone: (88) 327010  
Telex: 890076 Aldrich F  
FAX: (88) 75 12 83

Japan  
Aldrich Japan  
Kyodo Bldg, Shinkanda  
10 Kanda-Mikuracho  
Chiyoda-Ku, Tokyo  
Telephone: (03) 258-0155  
FAX: (03) 258-0157

United Kingdom  
Aldrich Chemical Co., Ltd.  
The Old Brickyard, New Road  
Gillingham, Dorset SP8 4JL  
Telephone: (07476) 2211  
Telex: 417238 Aldrch G  
FAX: (07476) 3779

West Germany  
Aldrich-Chemie GmbH & Co. KG  
D-7924 Steinheim  
Telephone: (07329) 87-0  
Telex: 714838 Aldri D  
FAX: (07329) 87-39



chemists helping chemists in research & industry

**aldrich chemical co.**

P.O. Box 355, Milwaukee, Wisconsin 53201 USA • (414) 273-3850

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

CATALOG # 13310-8

NAME: PROPYL ACETATE, 99%

EXTINGUISHING MEDIA

CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.  
WATER MAY BE EFFECTIVE FOR COOLING, BUT MAY NOT EFFECT EXTINGUISHMENT.

SPECIAL FIRE FIGHTING PROCEDURES

WARNING

FLAMMABLE LIQUID.

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO

PREVENT CONTACT WITH SKIN AND EYES.

USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND

FLASH BACK.

CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS.

----- REACTIVITY DATA -----

INCOMPATIBILITIES

OXIDIZING AGENTS

BASES

ACIDS

MOISTURE

HEAT

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE

----- SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

SHUT OFF ALL SOURCES OF IGNITION.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

COVER WITH AN ACTIVATED CARBON ADSORBENT, TAKE UP AND PLACE IN CLOSED CONTAINERS. TRANSPORT OUTDOORS.

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

WASTE DISPOSAL METHOD

BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE.

OBSERVE ALL FEDERAL, STATE & LOCAL LAWS.

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

CHEMICAL SAFETY GOGGLES.

RUBBER GLOVES

SAFETY SHOWER AND EYE BATH.

USE ONLY IN A CHEMICAL FUME HOOD.

OSHA/MSHA-APPROVED RESPIRATOR IN NONVENTILATED AREAS AND/OR FOR EXPOSURE ABOVE TLV.

DO NOT BREATHE VAPOR.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

USE NONSPARKING TOOLS.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

STORE IN A COOL DRY PLACE.

----- ADDITIONAL PRECAUTIONS AND COMMENTS -----

NOT APPLICABLE

USA  
Aldrich Chemical Co., Inc.  
340 West Saint Paul Avenue  
Milwaukee, Wisconsin 53233  
Telephone: (414) 273-3850  
TWX: (910) 262-3052 Aldrichem-MI  
Telex: 26 843 Aldrich MI  
FAX: (414) 273-4979

Belgium  
Aldrich Chemie N.V./S.A.  
6 Rue Caporal Claes  
B-1030 Brussels  
Telephone: (02) 2428750  
Telex: 62302 Alchem B

France  
Aldrich-Chimie S.a.r.l.  
27, Fosse des Treize  
F-67000 Strasbourg  
Telephone: (88) 327010  
Telex: 890076 Aldrich F  
FAX: (88) 75 12 83

Japan  
Aldrich Japan  
Kyodo Bldg. Shinkanda  
10 Kanda-Mikuracho  
Chiyoda-Ku, Tokyo  
Telephone: (03) 258-0155  
FAX: (03) 258-0157

United Kingdom  
Aldrich Chemical Co., Ltd.  
The Old Brickyard, New Road  
Gillingham, Dorset SP8 4JL  
Telephone: (07476) 2211  
Telex: 417238 Aldrich G  
FAX: (07476) 3779

West Germany  
Aldrich-Chemie GmbH & Co. KG  
D-7924 Steinheim  
Telephone: (07329) 87-0  
Telex: 714638 Aldri D  
FAX: (07329) 87-39



chemists helping chemists in research & industry

**aldrich chemical co.**

® P.O. Box 355, Milwaukee, Wisconsin 53201 USA • (414) 273-3850

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

PAGE: 3

CATALOG # 13310-8

NAME: PROPYL ACETATE, 99%

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. ALDRICH 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.

**USA**  
Aldrich Chemical Co., Inc.  
940 West Saint Paul Avenue  
Milwaukee, Wisconsin 53233  
Telephone: (414) 273-3850  
TWX: (910) 262-3052 Aldrichem MI  
Telex: 26 843 Aldrich MI  
FAX: (414) 273-4979

**Belgium**  
Aldrich Chemie N.V./S.A.  
6 Rue Caporal Claes  
B-1030 Brussels  
Telephone: (02) 2428750  
Telex: 62302 Alchem B

**France**  
Aldrich-Chimie S.a.r.l.  
27, Fossé des Treize  
F-67000 Strasbourg  
Telephone: (88) 327010  
Telex: 890076 Aldrich F  
FAX: (88) 75 12 83

**Japan**  
Aldrich Japan  
Kyodo Bldg. Shinkanda  
10 Kanda-Mikuracho  
Chiyoda-Ku, Tokyo  
Telephone: (03) 258-0155  
FAX: (03) 258-0157

**United Kingdom**  
Aldrich Chemical Co., Ltd.  
The Old Brickyard, New Road  
Gillingham, Dorset SP9 4JL  
Telephone: (07476) 2211  
Telex: 417238 Aldrch G  
FAX: (07476) 3779

**West Germany**  
Aldrich-Chemie GmbH & Co. KG  
D-7924 Steinheim  
Telephone: (07329) 87-0  
Telex: 714838 Aldri D  
FAX: (07329) 87-39