



chemists helping chemists in research & industry

**aldrich chemical co.**

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FEB 11 1991

*Chem*

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JOYCE KILBY/RISK MRMNT & SAFETY

DATE: 02/05/91  
CUST#: 523216  
PO#: LETTER 1/31/91

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 #: P5335-7      NAME: PROPYL 4-HYDROXYBENZOATE, 99+%  
CAS #: 94-13-3  
MF: C10H12O3

SYNONYMS

ASEPTOFORM P \* BENZOIC ACID, 4-HYDROXY-, PROPYL ESTER \* BETACIDE P \*  
BONMOLD OP \* P-HYDROXYBENZOIC ACID PROPYL ESTER \* P-HYDROXYPROPYL  
BENZOATE \* NIPASOL \* NIPASOL M \* P-OXYBENZOESAUREPROPYLESTER (GERMAN)  
\* PARABEN \* PARASEPT \* PASEPTOL \* PRESERVAL P \* PROPYL ASEPTOFORM \*  
PROPYL CHEMOSEPT \* PROPYLESTER KYSELINY P-HYDROXYBENZOOVE (CZECH) \*  
PROPYL P-HYDROXYBENZOATE \* N-PROPYL P-HYDROXYBENZOATE \* PROPYL PARABEN  
\* PROPYL PARASEPT \* PROTABEN P \* TEGOSEPT P \*

TOXICITY HAZARDS

RTECS NO: DH2800000

BENZOIC ACID, P-HYDROXY-, PROPYL ESTER

TOXICITY DATA

ORL-MUS LD50: 6332 MG/KG      NEZAAQ 28,463,73  
IPR-MUS LD50: 200 MG/KG      NTIS\*\* AD691-490  
SCU-MUS LD50: 1650 MG/KG      AIPTAK 128,135,60  
ORL-DOG LD50: 6000 MG/KG      14CYAT 2,1897,63

REVIEWS, STANDARDS, AND REGULATIONS

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION

FEREAC 54,4388,89

NOHS 1974: HZD 80496; NIS 21; TNF 2827; NOS 36; TNE 48242

NOES 1983: HZD 80496; NIS 85; TNF 12985; NOS 117; TNE 513875; TFE  
345384

EPA GENETOX PROGRAM 1988, NEGATIVE: HISTIDINE REVERSION-AMES TEST  
EPA TSCA CHEMICAL INVENTORY, JUNE 1990

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.  
CAUSES EYE AND SKIN IRRITATION.

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER  
RESPIRATORY TRACT.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND  
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

FIRST AID

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF

CONTINUED ON NEXT PAGE

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PAGE 2

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MF: C10H12O3

NAME: PROPYL 4-HYDROXYBENZOATE, 99+%

----- HEALTH HAZARD DATA -----

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. 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.

----- PHYSICAL DATA -----

MELTING PT: 95 C TO 98 C  
APPEARANCE AND ODOR  
WHITE POWDER

----- FIRE AND EXPLOSION HAZARD DATA -----

EXTINGUISHING MEDIA  
WATER SPRAY.  
CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.  
SPECIAL FIREFIGHTING PROCEDURES  
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.  
UNUSUAL FIRE AND EXPLOSIONS HAZARDS  
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

INCOMPATIBILITIES  
STRONG OXIDIZING AGENTS  
STRONG BASES  
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  
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.  
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

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

AVOID RAISING DUST.  
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.  
WASTE DISPOSAL METHOD  
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 LAWS.

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

CHEMICAL SAFETY GOGGLES.  
RUBBER GLOVES.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
SAFETY SHOWER AND EYE BATH.  
MECHANICAL EXHAUST REQUIRED.  
AVOID CONTACT AND INHALATION.  
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.  
WASH THOROUGHLY AFTER HANDLING.  
IRRITANT.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.

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