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

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

CATALOG #: 235830  
 NAME: P-ACETOPHENETIDIDE, 97%

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

CAS #: 62-44-2  
 MF: C10H13NO2  
 EC NO: 200-533-0

## SYNONYMS

ACETAMIDE, N-(4-ETHOXYPHENYL)- (9CI) \* 1-ACETAMIDO-4-ETHOXYBENZENE \*  
 ACETANILIDE, 4'-ETHOXY- \* ACETO-PARA-PHENALIDE \* P-ACETOPHENETIDE \*  
 ACETO-PARA-PHENETIDIDE \* PARA-ACETOPHENETIDIDE \* ACETOPHENETIDIN \*  
 ACETOPHENETIDINE \* P-ACETOPHENETIDINE \* ACETO-4-PHENETIDINE \*  
 ACETOPHENETIN \* ACET-P-PHENALIDE \* ACETPHENETIDIN \* P-ACETPHENETIDIN \*  
 ACET-P-PHENETIDIN \* ACETYLPHENETIDIN \* N-ACETYL-P-PHENETIDINE \*  
 ACHROCIDIN \* ANAPAC \* BROMO SELTZER \* BUFF-A-COMP \* CITRA-FORT \*  
 CLISTANOL \* CODEMPIRAL \* COMMOTIONAL \* CONTRADOL \* CONTRADOULEUR \*  
 CORICIDIN \* CORIFORTE \* CORYBAN-D \* DAPRISAL \* DARVON COMPOUND \*  
 DASIKON \* DASIN \* DASIN CH \* DOLOSTOP \* EDRISAL \* EMPIRAL \* EMPRAZIL \*  
 EMPRAZIL-C \* EPRAGEN \* P-ETHOXYACETANILIDE \* 4-ETHOXYACETANILIDE \*  
 4'-ETHOXYACETANILIDE \* P-ETHOXYANILID KYSELINY OCTOVE (CZECH) \* N-  
 PARA-ETHOXYPHENYLACETAMIDE \* N-(4-ETHOXYPHENYL)ACETAMIDE \* FENACETIN  
 (CZECH) \* FENACETINA \* FENIDINA \* FENIA \* FENINA \* FIORINAL \*  
 FORTACYL \* GELONIDA \* GEWODIN \* HELVAGIT \* HJORTON'S POWDER \*  
 HOCOPHEN \* KAPA \* KALMIN \* MALEX \* MELABON \* MELAFORTE \* NORGESIC \*  
 PAMPRIN \* PARACETOPHENETIDIN \* PARAMETTE \* PARATODOL \* PERTONAL \*  
 PHENACETIN \* PARA-PHENACETIN \* PHENACETINE \* PHENACETINUM \*  
 PHENACITIN \* PHENAPHEN \* PHENAPHEN PLUS \* PHENAZETIN \* PHENAZETINA \*  
 PHENEDINA \* P-PHENETIDINE, N-ACETYL- \* PHENIDIN \* PHENIN \* PHENODYNE \*  
 PYRAPHEN \* PYRROXATE \* QUADRONAL \* RCRA WASTE NUMBER U187 \*  
 ROBAXISAL-PH \* SALGYDAL \* SANALGINE \* SARIDON \* SERANEX \* SINEDAL \*  
 SINUBID \* SINUTAB \* STELLACYL \* SUPER ANAHIST \* SYNALGOS-DC \*  
 SYNALOGOS \* TACOL \* TETRACYDIN \* THEPHORIN A-C \* TREUPEL \* VEGANINE \*  
 VIDEN \* WIGRAINE \* XARIL \*

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

## LABEL PRECAUTIONARY STATEMENTS

TOXIC

MAY CAUSE CANCER.

HARMFUL IF SWALLOWED.

TARGET ORGAN(S):

BLOOD

KIDNEYS

PROBABLE CARCINOGEN (US)

AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES.

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE

IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

## 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. IF BREATHING BECOMES DIFFICULT,

CALL A PHYSICIAN.

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS

AMOUNTS OF WATER.

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.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

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

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

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.

EVACUATE AREA.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

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

USE ONLY IN A CHEMICAL FUME HOOD.

SAFETY SHOWER AND EYE BATH.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

WASH THOROUGHLY AFTER HANDLING.

DO NOT BREATHE DUST.

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

AVOID PROLONGED OR REPEATED EXPOSURE.

NIOSH/MSHA-APPROVED RESPIRATOR IN NONVENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV.

COMPATIBLE CHEMICAL-RESISTANT GLOVES.

CHEMICAL SAFETY GOGGLES.

KEEP TIGHTLY CLOSED.

STORE IN A COOL DRY PLACE.

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

APPEARANCE AND ODOR

WHITE POWDER

PHYSICAL PROPERTIES

MELTING POINT: 134 C TO 136 C

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

STABILITY

STABLE.

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

STRONG ACIDS

STRONG BASES

STRONG REDUCING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR.

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

ACUTE EFFECTS

MAY CAUSE SKIN IRRITATION.

MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

MAY CAUSE EYE IRRITATION.

MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

MAY BE HARMFUL IF INHALED.

HARMFUL IF SWALLOWED.

ABSORPTION INTO THE BODY LEADS TO THE FORMATION OF METHEMOGLOBIN WHICH IN SUFFICIENT CONCENTRATION CAUSES CYANOSIS. ONSET MAY BE DELAYED 2 TO 4 HOURS OR LONGER.

CHRONIC EFFECTS

THIS PRODUCT IS OR CONTAINS A COMPONENT THAT HAS BEEN REPORTED TO BE

PROBABLY CARCINOGENIC BASED ON ITS IARC, OSHA, ACGIH, NTP OR EPA  
CLASSIFICATION.  
TARGET ORGAN(S):  
BLOOD, KIDNEYS  
LIVER

RTECS #: AM4375000  
P-ACETOPHENETIDIDE

## TOXICITY DATA

UNR-MAN LDLO:74 MG/KG	85DCAI 2,73,1970
ORL-RAT LD50:1650 MG/KG	TXAPA9 1,240,1959
IPR-RAT LD50:634 MG/KG	NYKZAU 62,11,1966
ORL-MUS LD50:866 MG/KG	ARZNAD 28,1644,1978
IHL-MUS LC50:33900 MG/M3	GISAAA 34(10),36,1969
IPR-MUS LD50:540 MG/KG	YKKZAJ 81,659,1961
SCU-MUS LD50:1625 MG/KG	ARZNAD 8,25,1958
ORL-RBT LD50:2500 MG/KG	GTPZAB 21(9),53,1977
SCU-RBT LD50:1 GM/KG	ARZNAD 21,719,1971
ORL-GPG LD50:1870 MG/KG	TXAPA9 2,23,1960
ORL-HAM LD50:1690 MG/KG	PHARAT 8,572,1953

## TARGET ORGAN DATA

BEHAVIORAL (SOMNOLENCE)  
BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)  
BEHAVIORAL (ATAXIA)  
BEHAVIORAL (COMA)  
CARDIAC (PULSE RATE INCREASED WITHOUT FALL IN BP)  
CARDIAC (PULSE RATE DECREASED WITH FALL IN BP)  
LUNGS, THORAX OR RESPIRATION (RESPIRATORY DEPRESSION)  
NUTRITIONAL AND GROSS METABOLIC (BODY TEMPERATURE DECREASE)  
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 - - - - -  
CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF  
THIS MATERIAL.

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

## TOXIC

R 45

MAY CAUSE CANCER.

R 22

HARMFUL IF SWALLOWED.

S 53

AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

S 45

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE  
IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

## REVIEWS, STANDARDS, AND REGULATIONS

## OEL=MAK

IARC CANCER REVIEW:ANIMAL SUFFICIENT EVIDENCE IMSUDL 7,310,1987

IARC CANCER REVIEW:HUMAN LIMITED EVIDENCE IMEMDT 24,135,1980

IARC CANCER REVIEW:GROUP 2A IMSUDL 7,310,1987

OEL-RUSSIA: STEL 0.5 MG/M3, JAN1993

NOHS 1974: HZD 80478; NIS 2; TNF 126; NOS 10; TNE 4186

NOES 1983: HZD X4389; NIS 1; TNF 9; NOS 2; TNE 869; TFE 617

NOES 1983: HZD 80478; NIS 4; TNF 1271; NOS 12; TNE 18808; TFE 15338

EPA GENETOX PROGRAM 1988, POSITIVE: CARCINOGENICITY-MOUSE/RAT

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

NTP 9TH REPORT ON CARCINOGENS,2000:REASONABLY ANTICIPATED TO BE HUMAN

## CARCINOGEN

## U.S. INFORMATION

THIS PRODUCT IS OR CONTAINS CHEMICAL(S) KNOWN TO THE STATE OF  
CALIFORNIA TO CAUSE CANCER.

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