



chemists helping chemists in research & industry

aldrich

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DATE: 08/02/88
CUST # 326607 P.O. # M009028

M A T E R I A L S A F E T Y D A T A S H E E T P A G E : 1

IDENTIFICATION

PRODUCT # W20050-6 NAME: ACETANISOLE, 98+%, F.C.C.
CAS # 100-06-1
MF: C9H10O2

SYNONYMS

ACETANISOLE * P-ACETYLANISOLE * 4-ACETYLANISOLE * ETHANONE, 1-(4-METHOXYPHENYL)- (9CI) * LINARODIN * 4-METHOXYACETOPHENON (CZECH) * P-METHOXYACETOPHENONE * 4-METHOXYACETOPHENONE * 4'-METHOXYACETOPHENONE * P-METHOXYPHENYL METHYL KETONE * 4-METHOXYPHENYL METHYL KETONE * NOVATONE * VANANOTE *

TOXICITY HAZARDS

RTECS # AM9240000

ACETOPHENONE, 4'-METHOXY-

IRRITATION DATA

SKN-RBT 500 MG/24H MOD

FCTXAV 12,927,74

TOXICITY DATA

ORL-RAT LD50:1720 MG/KG

FCTXAV 12,927,74

ORL-MUS LD50:820 MG/KG

GISAAA 50(4),86,85

REVIEWS, STANDARDS, AND REGULATIONS

EPA TSCA CHEMICAL INVENTORY, 1986

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

TARGET ORGAN DATA

BEHAVIORAL (SOMNOLENCE)

BEHAVIORAL (MUSCLE WEAKNESS)

BEHAVIORAL (IRRITABILITY)

CARDIAC (PULSE RATE INCREASED WITHOUT FALL IN BP)

VASCULAR (BP ELEVATION NOT CHARACTERIZED IN AUTONOMIC SECTION)

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.

MAY CAUSE EYE IRRITATION.

MAY CAUSE SKIN IRRITATION.

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 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.

CALL A PHYSICIAN.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

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CATALOG # W20050-6 NAME: ACETANISOLE, 98+%, F.C.C.

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

MELTING POINT: 37 C TO 40 C
BOILING POINT: 152 C TO 154 C/26MM.

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

FLASH POINT: >230 F
EXTINGUISHING MEDIA
WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.
SPECIAL FIRE FIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSION HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

INCOMPATIBILITIES
STRONG OXIDIZING AGENTS
STRONG BASES
MAY DISCOLOR ON EXPOSURE TO LIGHT.
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 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.
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 & LOCAL LAWS.

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

CHEMICAL SAFETY GOGGLES.
NIOSH/MSHA-APPROVED RESPIRATOR.
MECHANICAL EXHAUST REQUIRED.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
SAFETY SHOWER AND EYE BATH.
AVOID BREATHING DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
KEEP CONTAINER CLOSED.
LIGHT-SENSITIVE.
STORE UNDER NITROGEN.
REFRIGERATE.

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

CAUTION: FOR MANUFACTURING, PROCESSING OR REPACKING.
THIS MATERIAL IS NOT STERILE AND HAS NOT BEEN PYROGEN-TESTED.

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