Product #: 82050  Name: PROPIOPHENONE
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SECTION 1. -- --- --- --- --- CHEMICAL IDENTIFICATION--- --- --- --- ---
   CATALOG #: 82050
   NAME: PROPIOPHENONE

SECTION 2. -- --- --- COMPOSITION/INFORMATION ON INGREDIENTS --- --- --- ---
   CAS #: 93-55-0
   MF: C9H10O
   EC NO: 202-257-6
   SYNONYMS
   ETHYL PHENYL KETONE * KETONE, ETHYL PHENYL * PHENYL ETHYL KETONE * 1-
   PHENYL-1-PROPANONE * 1-PROPANONE, 1-PHENYL- * PROPIONYL BENZENE * USAF
   EK-1235 *

SECTION 3. -- --- --- --- --- HAZARDS IDENTIFICATION--- --- --- --- ---
   LABEL PRECAUTIONARY STATEMENTS
   COMBUSTIBLE.

SECTION 4. -- --- --- --- --- FIRST-AID MEASURES--- --- --- --- ---
   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.
   IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
   CALL A PHYSICIAN.
   WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. -- --- --- --- --- FIRE FIGHTING MEASURES--- --- --- --- ---
   EXTINGUISHING MEDIA
   CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
   WATER SPRAY.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
COMBUSTIBLE LIQUID.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - - - ACCIDENTAL RELEASE MEASURES- - - - - - -
EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
COVER WITH DRY LIME OR SODA ASH, PICK UP, KEEP IN A CLOSED CONTAINER
AND HOLD FOR WASTE DISPOSAL.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - - - HANDLING AND STORAGE- - - - - - -
REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - -
CHEMICAL SAFETY GOGGLES.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
AVOID BREATHING VAPOR.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
KEEP TIGHTLY CLOSED.
KEEP AWAY FROM HEAT AND OPEN FLAME.
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - - -
APPEARANCE AND ODOR
COLORLESS TO YELLOW LIQUID

PHYSICAL PROPERTIES
BOILING POINT: 87 TO 90C/10MM
MELTING POINT: 17 TO 19C
FLASHPOINT 210.20F
99C
VAPOR PRESSURE: 1MM 50 C
SPECIFIC GRAVITY: 1.009

SECTION 10. - - - - - - - STABILITY AND REACTIVITY - - - - - - -
INCOMPATIBILITIES
STRONG OXIDIZING AGENTS
STRONG BASES
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE

SECTION 11. - - - - - - - TOXICOLOGICAL INFORMATION - - - - - - -
ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE IRRITATION.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: UG7175000
PROPIOPHENONE
IRRITATION DATA
SKN-RBT 500 MG/24H MLD
EYE-RBT 500 MG/24H MLD

TOxicITY DATA
85JCAE -,291,1986
85JCAE -,291,1986
SECTION 12. - - - - - - - ECOLOGICAL INFORMATION - - - - - - - -
DATA NOT YET AVAILABLE.
SECTION 13. - - - - - - - DISPOSAL CONSIDERATIONS - - - - - - -
THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR
EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.
SECTION 14. - - - - - - - TRANSPORT INFORMATION - - - - - - -
CONTACT FLUKA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.
SECTION 15. - - - - - - - REGULATORY INFORMATION - - - - - - -
REVIEWS, STANDARDS, AND REGULATIONS
OEL=MK
NOHS 1974: H2D 84564; NIS 2; TNF 35; NOS 2; TNE 972
NOES 1983: H2D 84564; NIS 1; TNF 21; NOS 5; TNE 4354; TFE 729
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JULY 2000
SECTION 16. - - - - - - - OTHER INFORMATION - - - - - - - -
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