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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 #: 112097
 NAME: THYMOL, 98%

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -
 CAS #: 89-83-8
 MF: C10H14O
 EC NO: 201-944-8

SYNONYMS
 M-CRESOL, 6-ISOPROPYL- * P-CYMENE, 3-HYDROXY- * P-CYME-3-OL * 3-P-
 CYMENOL * 3-HYDROXY-P-CYMENE * 3-HYDROXY-1-METHYL-4-ISOPROPYLBENZENE *
 ISOPROPYL CRESOL * 2-ISOPROPYL-5-METHYLPHENOL * 1-METHYL-3-HYDROXY-4-
 ISOPROPYLBENZENE * 3-METHYL-6-ISOPROPYLPHENOL * 5-METHYL-2-ISOPROPYL-
 1-PHENOL * 5-METHYL-2-(1-METHYLETHYL)PHENOL * PHENOL, 2-ISOPROPYL-5-
 METHYL- * PHENOL, 5-METHYL-2-(1-METHYLETHYL)- (9CI) * THYME CAMPHOR *
 THYMIC ACID * M-THYMOL *

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -
 LABEL PRECAUTIONARY STATEMENTS
 CORROSIVE
 DANGEROUS FOR THE ENVIRONMENT
 HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
 RISK OF SERIOUS DAMAGE TO EYES.
 TARGET ORGAN(S):
 LIVER
 KIDNEYS
 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
 WATER AND SEEK MEDICAL ADVICE.
 WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -
 IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
 AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED
 CLOTHING AND SHOES.
 IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
 RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
 ASSURE ADEQUATE FLUSHING OF THE EYES BY SEPARATING THE EYELIDS
 WITH FINGERS.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -
 EXTINGUISHING MEDIA
 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.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -
 WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
 RUBBER GLOVES.
 SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
 AVOID RAISING DUST.

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

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
 RUBBER GLOVES.
 CHEMICAL SAFETY GOGGLES.
 SAFETY SHOWER AND EYE BATH.
 AVOID INHALATION.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
 WASH THOROUGHLY AFTER HANDLING.
 WASH CONTAMINATED CLOTHING BEFORE REUSE.
 IRRITANT.
 KEEP TIGHTLY CLOSED.
 STORE IN A COOL DRY PLACE.

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

PHYSICAL PROPERTIES

BOILING POINT: 232 C
 MELTING POINT: 49 C TO 51 C
 FLASHPOINT 216 F
 VAPOR PRESSURE: 1MM 64 C
 SPECIFIC GRAVITY: 0.965
 PH: 7.0
 SWISS POISON CLASS: 3

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

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS
 STRONG BASES

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE

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

ACUTE EFFECTS

SEVERE IRRITATION OR BURNS.
 MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
 RESPIRATORY TRACT.
 HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
 CAUSES EYE AND SKIN IRRITATION.
 MAY CAUSE NERVOUS SYSTEM DISTURBANCES.
 DEPENDING ON THE INTENSITY AND DURATION OF EXPOSURE, EFFECTS MAY
 VARY FROM MILD IRRITATION TO SEVERE DESTRUCTION OF TISSUE.
 DAMAGE TO THE EYES

CHRONIC EFFECTS

TARGET ORGAN(S):
 DAMAGE TO THE EYES
 LIVER, KIDNEYS
 CENTRAL NERVOUS SYSTEM
 SPLEEN

RTECS #: XP2275000

THYMOL

TOXICITY DATA

ORL-RAT LD50:980 MG/KG	FCTXAV 2,327,1964
ORL-MUS LD50:640 MG/KG	OSDIAF 5,111,1956
IPR-MUS LD50:110 MG/KG	QJDRAZ 19,1,1981
SCU-MUS LD50:243 MG/KG	OSDIAF 5,111,1956
IVN-MUS LD50:100 MG/KG	JMCMAR 23,1350,1980
ORL-GPG LD50:880 MG/KG	FCTXAV 2,327,1964

TARGET ORGAN DATA

PERIPHERAL NERVE AND SENSATION (SPASTIC PARALYSIS WITH/WITHOUT SENSORY CH
 BEHAVIORAL (SLEEP)
 BEHAVIORAL (SOMNOLENCE)
 BEHAVIORAL (TREMOR)
 BEHAVIORAL (ATAXIA)
 BEHAVIORAL (COMA)
 LUNGS, THORAX OR RESPIRATION (DYSPPNAE)
 LUNGS, THORAX OR RESPIRATION (RESPIRATORY STIMULATION)
 GASTROINTESTINAL (GASTRITIS)
 SKIN AND APPENDAGES (HAIR)
 MATERNAL EFFECTS (UTERUS, CERVIX, VAGINA)
 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 - - - - -

DATA NOT AVAILABLE

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT ALDRICH CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

EUROPEAN INFORMATION

EC INDEX NO: 604-032-00-1

CORROSIVE

DANGEROUS FOR THE ENVIRONMENT

R 22

HARMFUL IF SWALLOWED.

R 34

CAUSES BURNS.

R 51/53

TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS
IN THE AQUATIC ENVIRONMENT.

S 26

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.

S 28

AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF SOAP SUDS.

S 45

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

S 61

AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/
SAFETY DATA SHEETS.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION

FEREAC 54,7740,1989

NOHS 1974: HZD 73040; NIS 9; TNF 617; NOS 15; TNE 13138

NOES 1983: HZD 73040; NIS 16; TNF 1050; NOS 23; TNE 21355; TFE 14083

EPA GENETOX PROGRAM 1988, INCONCLUSIVE: D MELANOGASTER SEX-LINKED

LETHAL

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JANUARY 2001

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

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