Material Safety Data Sheet

SECTION 1. - - - - - - - - CHEMICAL IDENTIFICATION - - - - - - - -
CATALOG #: 112097
NAME: THYMOL

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-CYMEN-3-OL * 3-P-CYMENOL * 3-HYDROXY-P-CYMENE * 3-HYDROXY-1-METHYL-4-ISOPROPYL-BENZENE *
ISOPROPYL CRESOL * 2-ISOPROPYL-5-METHYLPHENOL * 1-METHYL-3-HYDROXY-4-ISOPROPYLBENZENE * 3-METHYL-6-ISOPROPYL-PHENOL * 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 ORGANS:
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
ORL-MUS LD50: 640 MG/KG
IPR-MUS LD50: 110 MG/KG
SCU-MUS LD50: 243 MG/KG
IVN-MUS LD50: 100 MG/KG
ORL-GPG LD50: 880 MG/KG

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 (DYSPIA)
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. - - - - - - - - ECOCLOGICAL 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
OEHL-MK
EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION
FERAC 54.7740, 1989
NOHS 1974: HDZ 73040; NIS 9; TNP 617; NOS 15; TNE 13138
NOES 1983: HDZ 73040; NIS 16; TNP 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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