

N-Methylcytisine: sc-212243



MATERIAL SAFETY DATA SHEET

The Power to Question

Supplier:	Emergency
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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: sc-212243
NAME: N-METHYLCYTISINE

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

CAS #: 486-86-2 MW: 204.27
MF: C12H16N2O
EC NO: 207-643-8

SYNONYMS

CAULOPHYLLIN * CAULOPHYLLINE * 1,5-METHANO-8H-PYRIDO(1,2A)(1,5)
DIAZOCIN-8-ONE, 1,2,3,4,5,6-HEXAHYDRO-3-METHYL-, (1R)- * N-
METHYLCYTISINE * 12-METHYLCYTISINE *

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

LABEL PRECAUTIONARY STATEMENTS

TOXIC
TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE
IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE
PROTECTION.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
SHOES. CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.
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 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.

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

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
 WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
 GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
 MECHANICAL EXHAUST REQUIRED.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
 APPEARANCE AND ODOR
 COLORLESS NEEDLES
 PHYSICAL PROPERTIES
 MELTING POINT: 140 TO 141'C

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
 STABILITY
 STABLE. STORE AT -20° C
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
 THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE,
 AND NITROGEN OXIDES.
 HAZARDOUS POLYMERIZATION
 WILL NOT OCCUR.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
 ACUTE EFFECTS
 HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
 MAY CAUSE IRRITATION.
 MAY CAUSE HALLUCINOGENIC EFFECTS
 THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
 INVESTIGATED.
 RTECS #: HA4400000
 CYTISINE, 12-METHYL-
 TOXICITY DATA

ORL-MUS LD50:511 MG/KG	BJPCBM 35,161,1969
IPR-MUS LD50:51 MG/KG	BJPCBM 35,161,1969
IVN-MUS LD50:22 MG/KG	JPETAB 79,334,1943

 TARGET ORGAN DATA
 BEHAVIORAL (SOMNOLENCE)
 BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
 BEHAVIORAL (MUSCLE CONTRACTION OR SPASTICITY)
 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 - - - - -
 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 AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
 CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
 EUROPEAN INFORMATION
 TOXIC
 R 23/24/25
 TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
 S 45
 IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE
 IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).
 S 36/37/39
 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE
 PROTECTION.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
 THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT
 PURPORT TO BE COMPLETE AND SHOULD BE USED ONLY AS A GUIDE. THE
 BURDEN OF SAFE USE OF THIS MATERIAL RESTS ENTIRELY WITH THE USER.