Product Number:**D115**

Product Name:**Dextromethorphan hydrobromide**

Product Information

Description / Pricing

Cert. of Analysis

MSDS

Print Preview

Bulk Quote

Ask A Scientist

Sigma Chemical Co.
P.O. Box 14508
St. Louis, MO 63178 USA
Tel: 314-771-5765

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 #: D115
NAME: DEXTROMETHORPHAN HBR
SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - - -
CAS #: 125-69-9
MF: C18H25NO
EC NO: 204-750-1
SYNONYMS
ANTUSSAN * DEMORPHAN * DEXTROMETHORPHAN BROMIDE * DEXTROMETHORPHAN HYDROBROMIDE * DEXTROMETORPHAN HYDROBROMIDE * DORMETHAN * MEDICON * METHORATE HYDROBROMIDE * D-METHORPHAN HYDROBROMIDE * D-3-METHOXY-N-METHYLMORPHINAN HYDROBROMIDE * METRORAT * 9-ALPHA,13-ALPHA,14-ALPHA-MORPHINAN, 3-METHOXY-17-METHYL-, HYDROBROMIDE * RO 1-5470/5 * ROMILAR * ROMILAR HYDROBROMIDE * TUSILAN * TUSSADE *
SECTION 3. - - - - - - - - - - HAZARDS IDENTIFICATION - - - - - - - - -
LABEL PRECAUTIONARY STATEMENTS
TOXIC (USA)
HARMFUL (EU)
HARMFUL IF SWALLOWED.
TARGET ORGAN(S):
LUNGS
WEAR SUITABLE PROTECTIVE CLOTHING.
SECTION 4. - - - - - - - - - - FIRST-AID MEASURES- - - - - - - - - - -
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. 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 SELF-CONTAINED BREATHING APPARATUS, 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.
EVACUATE AREA.
SECTION 7. - - - - - - - - - - HANDLING AND STORAGE- - - - - - - - - - -
REFER TO SECTION 8.
SECTION 8. - - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - - -
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
WASH THOROUGHLY AFTER HANDLING.
DO NOT BREATHE DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
NIOSH/MSHA-APPROVED RESPIRATOR.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
CHEMICAL SAFETY GOGGLES.
STORE IN A COOL DRY PLACE.
KEEP TIGHTLY CLOSED.
SECTION 9. - - - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - - - -
APPEARANCE AND ODOR
SOLID.
PHYSICAL PROPERTIES
MELTING POINT: 122 - 124 C
SECTION 10. - - - - - - - - -STABILITY AND REACTIVITY - - - - - - - - -
STABILITY

STABLE.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
CARBON MONOXIDE, CARBON DIOXIDE
HYDROGEN BROMIDE GAS
NITROGEN OXIDES
HAZARDOUS POLYMERIZATION
WILL NOT OCCUR.

SECTION 11. – – – – – – – – TOXICOLOGICAL INFORMATION – – – – – – – –

ACUTE EFFECTS
MAY CAUSE SKIN IRRITATION.
MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
MAY CAUSE EYE IRRITATION.
MAY BE HARMFUL IF INHALED.
MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.
HARMFUL IF SWALLOWED.

CHRONIC EFFECTS
TARGET ORGAN(S):
LUNGS

RTECS #: QD0222000
MORPHINAN, 3-METHOXY-N-METHYL-, HYDROBROMIDE, (+)-

TOXICITY DATA

ORL-RAT LD50:350 MG/KG	JPETAB 109,189,1953
SCU-RAT LD50:423 MG/KG	OYYAA2 6,1207,1972
ORL-MUS LD50:165 MG/KG	JPETAB 109,189,1953
SCU-MUS LD50:125 MG/KG	USXXAM #3031377
IVN-MUS LD50:34 MG/KG	OYYAA2 6,1207,1972
SCU-DOG LD50:157 MG/KG	NYKZAU 54,688,1958
IVN-CAT LD50:19800 UG/KG	OYYAA2 6,1207,1972
IVN-RBT LD50:15 MG/KG	JPETAB 109,189,1953
ORL-GPG LD50:336 MG/KG	OYYAA2 6,1207,1972
SCU-GPG LD50:150 MG/KG	OYYAA2 6,1207,1972
UNR-MAM LD50:150 MG/KG	CPBTAL 20,1706,1972

TARGET ORGAN DATA
SENSE ORGANS AND SPECIAL SENSES (MYDRIASIS)
SENSE ORGANS AND SPECIAL SENSES (LACRIMATION)
SENSE ORGANS AND SPECIAL SENSES (OTHER EYE EFFECTS)
BEHAVIORAL (SOMNOLENCE)
BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
BEHAVIORAL (EXCITEMENT)
BEHAVIORAL (CHANGE IN MOTOR ACTIVITY)
BEHAVIORAL (ATAXIA)
BEHAVIORAL (RIGIDITY)
BEHAVIORAL (MUSCLE CONTRACTION OR SPASTICITY)
LUNGS, THORAX OR RESPIRATION (DYSPNAE)
LUNGS, THORAX OR RESPIRATION (RESPIRATORY DEPRESSION)
LUNGS, THORAX OR RESPIRATION (OTHER CHANGES)
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 – – – – – – – – –
CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL.
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
HARMFUL
R 22
HARMFUL IF SWALLOWED.
S 36/37
WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES.

REVIEWS, STANDARDS, AND REGULATIONS
OEL=MAK
NOHS 1974: HZD 80399; NIS 4; TNF 262; NOS 9; TNE 3682
NOES 1983: HZD 80399; NIS 3; TNF 213; NOS 3; TNE 1826; TFE 1049

SECTION 16. – – – – – – – – – – OTHER INFORMATION– – – – – – – – – – –
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