

BIO BASIC INC.

160 TORBAY ROAD MARKHAM ONTARIO L3R 1G6 CANADA

TEL: (905) 474 4493, (800) 313 7224 FAX: (905) 474 5794

MATERIAL SAFETY DATA SHEET

REQUIRED UNDER SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING

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FOR CHEMICAL EMERGENCY: (416) 995 9730
ADDRESS: 160 TORBAY ROAD MARKHAM ONTARIO L3R 1G6 CANADA

DATE PREPARED: June 18, 2007

SECTION 1. ----- CHEMICAL IDENTIFICATION -----

CODE#: BS727

NAME: NEOMYCIN

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

CHEMICAL NAME:	CAS#:	RTECS #:	POTENCY:
NEOMYCIN SULFATE	1405-10-3	QP4375000	≥600mcg/mg

FOR MORE INFORMATION SEE COMPLETE RTECS ENTRY.

MF: C23H46N6O13

EC NO: 215-773-1

SYNONYMS

BIOSOL VETERINARY * BYKOMYCIN * FRADIOMYCIN SULFATE * LIDAMYCIN CREME
* MYCIFRADIN-N * MYCAIFRADIN SULFATE * MYCIGIENT * NEOBIOTIC *
NEOFACIN * NEO-MANTLE CREME * NEOMIX * NEOMYCINE SULFATE * NEOMYCIN
SULPHATE * NEW FRANCE F * OTOBOTIC * QUINTESS-N * USAF CB-19 *

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

LABEL PRECAUTIONARY STATEMENTS

IRRITANT

POSSIBLE RISK OF HARM TO THE UNBORN CHILD.

MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

TARGET ORGAN(S):

KIDNEYS

EARS

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE

IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

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

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.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS

AMOUNTS OF WATER.

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

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, BOOTS AND HEAVY 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.

KEEP TIGHTLY CLOSED.

LIGHT SENSITIVE

STORE IN A COOL DRY PLACE.

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

APPEARANCE

POWDER

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

STABILITY

STABLE.

INCOMPATIBILITIES

LIGHT

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR.

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

ACUTE EFFECTS

CAUSES SKIN IRRITATION.

CAUSES EYE IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
AMINOGLYCOSIDES ARE ASSOCIATED WITH SIGNIFICANT NEPHROTOXICITY AND/OR
OTOTOXICITY.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTIONS.
CHRONIC EFFECTS
POSSIBLE RISK OF CONGENITAL MALFORMATION IN THE FETUS.
TARGET ORGAN(S):
KIDNEYS
EARS
RTECS #: QP4375000
NEOMYCIN, SULFATE (SALT)
IRRITATION DATA
SKN-HMN 6 MG/3D-I MLD 85DKA8 -,127,1977
TOXICITY DATA
SCU-RAT LD50:200 MG/KG ARZNAD 12,597,1962
ORL-MUS LD50:>8 GM(BASE)/KG AACHAX -,138,1963
IPR-MUS LD50:305 MG/KG ANTCAO 8,198,1958
SCU-MUS LD50:190 MG/KG ANTBAL 18,444,1973
IVN-MUS LD50:17400 UG/KG AITEAT 10,947,1962
IMS-MUS LD50:142 MG/KG AIMDAP 119,493,1967
ICE-MUS LD50:32 MG/KG TXAPA9 7,361,1965
IMS-GPG LD50:>250 MG/KG TXAPA9 33,320,1975
TARGET ORGAN DATA
SENSE ORGANS AND SPECIAL SENSES (CHANGE IN ACUITY)
BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
ADDITIONAL INFORMATION
ORL-RAT LD50:>4325 MG/KG (SUPPLIER DATA).
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 -----

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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

NOT REGULATED.

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

EUROPEAN INFORMATION

HARMFUL

R: 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

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R: 42/43

MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.

R: 60/61

MAY IMPAIR FERTILITY, MAY CAUSE HARM TO THE UNBORN CHILD.

S: 36/37/39

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

TLV AND SOURCE

EXPOSURE LIMIT-TWA: 2 MG/M3 (SUPPLIER DATA)

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION
FEREAC 54,7740,1989

NOES 1983: HZD X3700; NIS 23; TNF 3566; NOS 33; TNE 180078; TFE 143663

NOES 1983: HZD X9498; NIS 5; TNF 1014; NOS 11; TNE 16279; TFE 12693

EPA GENETOX PROGRAM 1988, POSITIVE: SPERM MORPHOLOGY-RAT

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

U.S. INFORMATION

THIS PRODUCT IS OR CONTAINS CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE DEVELOPMENTAL TOXICITY.

CALIFORNIA PROPOSITION 65:

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

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. BIO BASIC INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.