



## DATA SHEET

### RB0473 RNase A

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REQUIRED UNDER SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING

DATE PREPARED: 05-31-2007

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

CATALOGUE NUMBER: DB0473

NAME: RNASE A PANCREATIC

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

CHEMICAL NAME: CAS#: RTECS #: ACTIVITY:

RNASE A 9001-99-4 RF0760000 > 50

FOR MORE INFORMATION SEE COMPLETE RTECS ENTRY.

EC NO: 232-646-6

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

LABEL PRECAUTIONARY STATEMENTS :SENSITIZER

MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT

TARGET ORGANS: 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-----

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**

**NONCOMBUSTIBLE.**

**USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.**

**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 PROTECTIVE EQUIPMENT. Page 2 of 3**

**SPILLED MATERIAL SHOULD BE CAREFULLY WIPED UP OR MOISTENED WITH WATER AND REMOVED.**

**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-----**

**CHEMICAL SAFETY GOGGLES.**

**COMPATIBLE CHEMICAL-RESISTANT GLOVES.**

**NIOSH/MSHA-APPROVED RESPIRATOR.**

**SAFETY SHOWER AND EYE BATH.**

**MECHANICAL EXHAUST REQUIRED.**

**AVOID INHALATION.**

**AVOID CONTACT WITH EYES, SKIN AND CLOTHING.**

**AVOID PROLONGED OR REPEATED EXPOSURE.**

**WASH THOROUGHLY AFTER HANDLING.**

**KEEP TIGHTLY CLOSED.**

**STORE IN A COOL DRY PLACE.**

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

**APPEARANCE SOLID.**

**PHYSICAL PROPERTIES**

**SOLUBILITY:**

**WATER -SOLUBLE**

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

**STABILITY**

**STABLE.**

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS**

**NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.**

**HAZARDOUS POLYMERIZATION**

**WILL NOT OCCUR.**

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

**ACUTE EFFECTS**

**MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.**

**MAY CAUSE EYE IRRITATION.**

**MAY CAUSE SKIN IRRITATION.**

**MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER  
RESPIRATORY TRACT.**

**PROLONGED OR REPEATED EXPOSURE MAY CAUSE ALLERGIC REACTIONS IN CERTAIN  
SENSITIVE INDIVIDUALS.**

**THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY  
INVESTIGATED.**

**RTECS #: RF0760000**

**NUCLEASE, RIBO-**

**TOXICITY DATA**

**IPR-RAT LD50:392 MG/KG 54IIAL -,56,1985**

**SCU-RAT LD50:290 MG/KG 54IIAL -,56,1985**

**IMS-RAT LD50:310 MG/KG 54IIAL -,56,1985**

**IPR-MUS LD50:250 MG/KG 54IIAL -,56,1985**

**SCU-MUS LD50:230 MG/KG 54IIAL -,56,1985**

**IMS-MUS LD50:355 MG/KG 54IIAL -,56,1985**

**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. Page 3 of 3**

**SECTION 13. ----- DISPOSAL CONSIDERATIONS -----**

**OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.**

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

**NOT REGULATED.**

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

**EUROPEAN INFORMATION**

**R: 42/43**

**MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.**

**S: 36/37/39**

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

**REVIEWS, STANDARDS, AND REGULATIONS**

**OEL=MAK**

**EPA TSCA SECTION 8(B) CHEMICAL INVENTORY**

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

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