

QIAGEN INC -- RNASE A SOLUTION, 12125 -- 6550-01-399-1142

===== Product Identification =====

Product ID:RNASE A SOLUTION, 12125

MSDS Date:09/22/1997

FSC:6550

NIIN:01-399-1142

Status Code:A

MSDS Number: CJMLX

=== Responsible Party ===

Company Name:QIAGEN INC

Address:28159 AVE STANFOR

City:SANTA CLARITA

State:CA

ZIP:91355

Country:US

Info Phone Num:800-362-7737

Emergency Phone Num:800-362-7737

CAGE:0

1QTQ

=== Contractor Identification ===

Company Name:QIAGEN INC

Address:28159 AVENUE STANFORD

Box:City:SANTA CLARITA

State:CA

ZIP:91355

Country:US

Phone:800-362-7737

CAGE:01QTQ

===== Composition/Information on Ingredients =====

Ingred Name:RIBONUCLEASE A

CAS:9001-99-4

RTECS #:RF0760000

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazard

s Acute and Chronic:ACUTE: IRRITATING TO EYES, RSPIRATORY SYSTEM, AND SKIN. MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.

Effects of Overexposure:SEE HEALTH HAZARDS.

===== First Aid Measures =====

First Aid:EYE CONT: IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING OF EYES BY SEPARATING THE EYELIDS WITH FINGERS. SKIN CONT: IMMEDIATELY WASH WITH SOAP AND CO PIOUS AMOUNTS OF WATER

. INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGEST: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS . CALL A PHYSICIAN. REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.

===== Fire Fighting Measures =====

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER, OR APPROPRIATE FOAM.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

===== Accidental Release Measures =====

Spill Release Procedures:PRECAUTIONARY MEASURES: WEAR NIOSH APPRVD SCBA, CHEMICAL SAFETY GOGGS, RUBBER BOOTS, AND HEAVY RUBBER GLOVES. CLEAN-UP PROCEDURE: SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID DUST. VENT ILATE AREA AND WASH SPILL SITE AFTER MATEIRAL PICKUP IS COMPLETE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE TIGHTLY CLO
ED AT 20-25 C. DO

NOT GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT BREATHE VAPOR.
STORE IN A DRY PLACE.

Other Precautions:THE PRODUCT SHOULD BE HANDLED WITH THE NORMAL CAUTION ACCORDED CHEMICALS. ADDITIONAL HARMFUL PROPERTIES CANNOT BE RULED OUT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED RESPIRATOR.

Ventilation:MECHANICAL EXHAUST REQUIRED.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKE

RS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS LIQUID. NO ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE.

Hazardous Decomposition Products:NONE.

===== Toxicological Information =====

Toxicological Information:TOXICITY DATA: N/A. ACUTE EFFECTS.

INHALATION: MAY BE HARMFUL BY INHALATION. EYE CONT: MAY CAUSE EYE IRRITATION. SKIN CONT: MAY CAUSE SKIN IRRITATION. INGEST: MAY BE HARMFUL IF SWALLOWED. PROLONGED EX POSURE: N/A. CHRONIC EFFECTS: N/A.

===== Ecological Information =====

Ecological:NO DATA AVAILABLE. HOWEVER, THE SUBSTANCE IS READILY BIODEGRADABLE.

===== Disposal Considerations =====

Waste Disposal Methods:NO SPECIAL DISPOSAL METHOD REQUIRED. OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

===== Regulatory Information =====

Federal Regulatory Information:LABELING: XN, HARMFUL, R 36/37/38-42/43.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Depart

ment

of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.