

VENUS LABORATORY -- 3K GPH ROWPU KIT (PART 10 OF 12 PART KIT)

=====
MSDS Safety Information
=====

FSC: 6850
NIIN: 01-423-1699
MSDS Date: 11/01/1994
MSDS Num: CBSQV
Product ID: 3K GPH ROWPU KIT (PART 10 OF 12 PART KIT)
MFN: 01
Kit Part: Y
Responsible Party
Cage: NO528
Name: VENUS LABORATORY
Address: 15571 COMMERCE L
ANE
City: HUNTINGTON BEACH CA 92649-1600
Info Phone Number: 800-841-3100
Emergency Phone Number: 800-841-3100
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 02LX8
Name: DDRV STOCK MAINTENANCE DIV/DDRIV-H
Address: 8000 JEFFERSON-DAVIS HIGHWAY
City: RICHMOND VA 23297
Phone: 804-279-3125
Cage: 0N140
Name: VENUS LABORATORIES INC
Address: 15571 COMMERCE LANE
City: HU
NTINGTON BEACH CA 92649
Phone: 714-881-3100
Cage: NO528
Name: VENUS LABORATORY
Address: 15571 COMMERCE LANE
City: HUNTINGTON BEACH CA 92649-1600
Phone: 800-841-3100

=====
Item Description Information
=====

Item Manager: S9G
Item Name: ROWPU REPLENISHMENT
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: KT
UI Container Qty: 0
Type of Container: BOX
=====

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====

Health Hazards Data
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: TISSUE IRRITATION UPON CONT
ACT WITH SKIN AND EYES.

CHRONIC: PROLONGED OR REPEATED EYE AND SKIN CONTACT CAUSES IRRITATION. INJURY
TO THE ESOPHAGUS FROM SCARRING MAY OCCUR. ALKALI EXPOSURES MAY NECESSITATE
IRRIGATION FOR EXTENDED DURATION.

Explanation Of Carcinogenicity: TRISODIUM PHOSPHATE IS NOT LISTED AS A
CARCINOGEN PER MSDS.

Signs And Symptoms Of Overexposure: INHALING THIS ALKALINE MATERIAL'S DUST OR
MIST IRRITATES THE RESPIRATORY TRACT. AQUEOUS, HIGHLY ALKALINE SOLUTIONS MAY
ALSO PRODUCE CAUSTIC BURNS.

Medical Cond Aggravated By Exposure: PERMANENT TISSUE DAMAGE TO THE SKIN AND
EYES.

First Aid: EYE CONTACT: FLUSH IMMEDIATELY, INCLUDING UNDER THE EYE LIDS. GENTLY
BUT THOROUGHLY FLOOD LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES.
SKIN: AFTER RINSING AFFECTED AREA WITH WATER, WASH IT WITH SOAP AND WATER.
INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR. INGESTION: IF INGESTED, HAVE
CONSCIOUS PERSON DRINK 1 TO 2 GLASSES OF WATER OR MILK, THEN GIVE FRUIT
JUICE. NEVER INDUCE VOMITING.

=====
Handling and Disposal
=====

Spill Release Procedures: WEAR PROTECTIVE CLOTHING TO PREVENT SKIN OR EYE
CONTACT AND DUST INHALATION. FOR LIQUID SPILLS, COVER THE MATERIAL WITH AN
INERT SOLID ABSORBENT (VERMICULITE OR SAND). SWEEP, VACUUM OR SCOOP THE SPILLED
SOLID, AVOIDING DUST GENERATION. FLUSH RESIDUE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

SCRAP MATERIAL CAN BE USED FOR NEUTRALIZING ACID WASTES OR BURIED IN A APPROVED LANDFILL. IF REGULATIONS PERMIT, YOU MAY FLUSH SMALL AMOUNTS TO DRAIN. FOLLOW APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
Handling And Storage Precautions: STORE IN TIGHTLY SEALED CONTAINERS AWAY FROM ACIDIC MATERIAL IN A CLEAN, DRY, VENTILATED AREA. PREVENT PHYSICAL DAMAGE TO CONTAINERS.

Other Precautions: NEVER WEAR CONTACT LENSES IN THE WORK AREA. LAUNDER CONTAMINATED CLOTHING BEFORE WEARING. REMOVE THIS MATERIAL FROM YOUR SHOES AND EQUIPMENT. NEVER EAT, DRINK, OR SMOKE IN WORK AREA.

=====
Fire and Explosion Hazard Information
=====

Flash Point Text: NONCOMBUSTIBLE

Lower Limits: NONE

Upper Limits: NONE

Extinguishing Media: USE WHAT IS APPROPRIATE TO THE SURROUNDING FIRE SINCE THIS MATERIAL IS NONCOMBUSTIBLE.

Fire Fighting Procedures: WEAR SCBA WITH FULL FACEPIECE OPERATED IN THE PRES

SURE-DEMAND OR POSITIVE-PRESSURE MODE.

Unusual Fire/Explosion Hazard: IN A FIRE SITUATION AT HIGH TEMPERATURE, PHOSPHATES CAN EMIT HIGHLY TOXIC PHOSPHOROUS OXIDES (POX) FUMES.

=====
Control Measures
=====

Respiratory Protection: WEAR A NIOSH-APPROVED RESPIRATOR IF NECESSARY. FOLLOW OSHA RESPIRATOR REGULATIONS. FOR EMERGENCY OR NONROUTINE OPERATIONS, WEAR AN SCBA.

Ventilation: PROVIDE GENERAL AND LOCAL EXPLOSION-PROOF VENTILATION SYSTEMS TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW OSHA PEL.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Protective Equipment: BOOTS, APRONS, GAUNTLETS, EMERGENCY EYEWASH STATIONS, SAFETY/QUICK-DRENCH SHOWERS.

Work Hygienic Practices: PRACTICE GOOD PERSONAL HYGIENE AFTER USING THIS MATERIAL.

Supplemental Safety and Health: KEY 1: C4. MSDS DATED NOV. 1994. THIS ITEM IS NSN: 6850-01-370-4209, CAGE 0N140. WHICH IS PART 1

0 OF A 12 PART KIT. (4
PARTS HAZARDOUS).

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

HCC: N1

Solubility in Water: YES (PER MSDS)

Appearance and Odor: WHITE OR COLORLESS CRYSTALLINE SOLID (ALSO AS POWDER
FLAKE, GRANULES; NO ODOR.

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condi

tion To Avoid: NEVER HEAT TO DECOMPOSITION.

Materials To Avoid: THIS MATERIAL REACTS VIOLENTLY WITH STRONG ACIDS TO
GENERATE HEAT.

Hazardous Decomposition Products: HIGHLY TOXIC FUMES OF PHOSPHORUS OXIDES AND
SODIUM OXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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

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

=====
MSDS Transport Information
=====

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

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

=====
Transportation Information
=====

Responsible Party Cage: NO528

Trans ID NO: 135977

Product ID: 3K GPH ROWPU KIT (PART 10 OF 12 PART KIT)

MSDS Prepared Date: 11/01/1994

Review Date: 10/02/1996

MFN: 1

Multiple KIT Number: 0

Kit Part IND: Y

Review IND: Y

Unit Of Issue: KT

Container QTY: 0

Type Of Container: BOX

Additional Data: THIS ITEM IS PART 10 OF A 12 PART KIT. (10 PARTS ARE
HAZARDOUS). SE

E THIS NSN FOR ADDITIONAL INFORMATION FOR THE KIT.

=====
Detail DOT Information
=====

DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail IMO Information
=====

IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
=====

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
HAZCOM Label
=====

Product ID: 3K GPH ROWPU KIT (PART 10 OF 12 PART KIT)
Cage: NO528
Assigned IND: Y
Company Name: VENUS LABORATORY
Street: 15571 COMMERCE LANE
City: HUNTINGTON BEACH CA
Zipcode: 92649-1600
Health Emergency Phone: 800-841-3100
Label Required IND: Y
Date Of Label Review: 10/02/1996
Status Code: C
Label Date: 10/02/1996
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory

Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: ACUTE: TISSUE IRRITATION UPON CONTACT WITH SKIN AND EYES. CHRONIC: PROLONGED OR REPEATED EYE AND SKIN CONTACT CAUSES IRRITATION. INJURY TO THE ESOPHAGUS FROM SCARRING MAY OCCUR. STORE IN TIGHTLY SEALED CONTAINERS AWAY FROM ACIDIC MATERIAL IN A CLEAN, DRY, VENTILATED AREA. FIRST AID: EYE CONTACT: FLUSH IMMEDIATELY, GENTLY BUT THOROUGHLY FLOOD LARGE AMOUNTS OF RUNNING WATER. SKIN: AFTER RINSING AFFECTED AREA WITH WATER, WASH IT WITH SOAP AND WATER. INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR. INGESTION: HAVE CONSCIOUS PERSON DRINK 1 TO 2 GLASSES OF WATER OR MILK. NEVER INDUCE VOMITING. TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT.

=====
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.