

BIO-RAD LABORATORIES ECS DIVISION -- BIO-RAD BLOOD GAS CONTROL C-570-II LEVEL 2 --
6550-01-329-9524

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

Product ID: BIO-RAD BLOOD GAS CONTROL C-570-II LEVEL 2

MSDS Date: 11/01/1991

FSC: 6550

NIIN: 01-329-9524

Status Code: A

MSDS Number: CKGDD

=== Responsible Party ===

Company Name: BIO-RAD LABORATORIES ECS DIVISION

Address: 3726 E MIRALOMA AVENUE

City: ANAHEIM

State: CA

ZIP: 9

2806

Country: US

Info Phone Num: 714-630-6400; 800-854-6737

Emergency Phone Num: 714-630-6400

CAGE: TO489

=== Contractor Identification ===

Company Name: BIO-RAD LABORATORIES ECS DIVISION

Address: 3726 E MIRALOMA AVENUE

Box: City: ANAHEIM

State: CA

ZIP: 92806

Country: US

Phone: 714-630-6400; 800-854-6737

CAGE: TO489

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

Ingred Name: INORGANIC BUFFERS (CONTAINING NO HAZARDOUS INGREDIENTS)

Ingred Name: INORGANIC SALTS

Ingred Name: DEIONIZED WATE

R

Ingred Name:CARBON DIOXIDE (CO*2)

CAS:124-38-9

RTECS #:FF6400000

OSHA PEL:9000 MG/M3;5000 PPM

ACGIH TLV:9000 MG/M3;5000 PPM

ACGIH STEL:54000 MG/M3

Ingred Name:NITROGEN (N2)

CAS:7727-37-9

RTECS #:QW9700000

Ingred Name:OXYGEN (O*2)

CAS:7782-44-7

RTECS #:RS2060000

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

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

Health Hazards Acute and Chronic:NOT HARMFUL.

Effects of Overexposure:SEE HEALTH HAZARDS.

=====

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

First Aid:EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WELL WITH SOAP AND WATER. IF SKIN IS BROKEN OR MATERIAL ENTERS AN OPEN WOUND, GET MEDICAL ATTENTION. INGESTION: FLUSH MOUTH WITH WATER, WITHOUT SWALLOWING. GET MEDICAL ATTENTION. INHALATION: INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) .

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

Extinguishing Medi

a:USE MEDIA SUITABLE FOR SURROUNDING FIRE .

Fire Fighting Procedures:USE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT . NOT CONSIDERED TO BE A FIRE AND EXPLOSION HAZARD.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE A FIRE AND EXPLOSION HAZARD.

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

Spill Release Procedures:DON PROTECTIVE GEAR. CAREFULLY WIPE UP SPILLS WITH ABSORBENT PAPER AND THOROUGHLY CLEANSE AREA WITH SOA

P AND

WATER. DISPOSE OF ALL CLEANING MATERIALS, USED PIPET TIPS, SYRINGES AND CONTAINERS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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

Handling and Storage Precautions:STORE COMPONENTS AT ROOM TEMPERATURE.
Other Precautions:DO NOT PIPET ANY SOLUTION BY MOUTH. GLASS AMPULES ARE SHARP WHEN BROKEN. PROTECT FINGERS WITH TISSUES OR GLOVES.

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

====

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:USE LOCAL EXHAUST IF NECESSARY TO MAINTAIN EXPOSURE BELOW TLV .
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER . AVOID DIRECT CONTACT BY USING PROPER PROTECTIVE ARTICLES: CLOSED TOE SHOES, LAB COATS, GLOVES, ETC.
Work Hygienic Practices:DO NOT EAT, DRINK, SMOKE OR APPLY COSMETICS IN THE LABORATORY.
Supplemental Safety and Health

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

Boiling Pt.=100.C, 212.F
Appearance and Odor:CLEAR, DYED LIQUID.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS .

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elem

ents of the Department
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.