

CIBA CORNING DIAGNOSTICS CORP A JOINT VENTURE -- P/N 477438, CALIBRATING GAS --  
6830-01-050-0117

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

Product ID:P/N 477438, CALIBRATING GAS

MSDS Date:12/15/1986

FSC:6830

NIIN:01-050-0117

Status Code:A

MSDS Number: CKJXT

=== Responsible Party ===

Company Name:CIBA CORNING DIAGNOSTICS CORP A JOINT VENTURE

Address:63 NORTH ST

City:MEDFIELD

State:MA

ZIP:02052-2308

Cou

ntry:US

Info Phone Num:508-359-7711/ 800-255-8769

Emergency Phone Num:800-255-3232

Preparer's Name:REGULATORY AFFAIRS

CAGE:51404

=== Contractor Identification ===

Company Name:CIBA CORNING DIAGNOSTICS CORP A JOINT VENTURE

Address:63 NORTH ST

Box:City:MEDFIELD

State:MA

ZIP:02052-2308

Country:US

Phone:508-359-7711/ 800-255-8769

CAGE:51404

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

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

= Wt:10.

OSHA PEL:9000 MG/M3;500

0 PPM  
ACGIH TLV:9000 MG/M3;5000 PPM  
ACGIH STEL:54000 MG/M3

Ingred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
Fraction by Wt: BALANCE

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Health Hazards Acute and Chronic:SYMPTOMS INCLUDE HEADACHE, DIZZINESS,  
MUSCULAR INCOORDINATION AND RAPID RESPIRATION. HIGH CARBON DIOXIDE  
LEVELS CAN EFFECT THE NERVOUS SYSTEM CAUSING PARALYSIS OF THE  
BREATHING CONTROL CENTE  
RS.  
Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Effects of Overexposure:SYMPTOMS INCLUDE HEADACHE, DIZZINESS, MUSCULAR  
INCOORDINATION AND RAPID RESPIRATION. HIGH CARBON DIOXIDE LEVELS  
CAN EFFECT THE NERVOUS SYSTEM CAUSING PARALYSIS OF THE BREATHING  
CONTROL CENTERS.  
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE  
PARTY.

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

First Aid:REMOVE VICTIM TO FRESH AIR. RESTORE  
AND/OR SUPPORT BREATHING  
AS NECESSARY.

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

Fire Fighting Procedures:KEEP EXPOSED CYLINDERS COOL WITH WATER SPRAY.  
SHUT OFF GAS SOURCE AND REMOVE CYLINDERS IF POSSIBLE.  
Unusual Fire/Explosion Hazard:EXPOSURE TO TEMPERATURES ABOVE 50C (130F)  
MAY CAUSE CONTENTS TO VENT OR CAUSE BURSTING.

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

Spill Release Procedures:VENTILATE AREA. REMOVE LEAKING CYLINDER

TO  
EXHAUST HOOD OR SAFE OUTDOOR AREA.  
Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:TNAKS MUST BE SECURES AGAINST A WALL OR BENCH, ON THE FLOOR OR PLACE IN A TANK BASE SUPPORT STAND.  
Other Precautions:DO NOT DEFACE CYLINDERS OR LABELS. MOVE CYLINDERS WITH AN ADEQUATE HAND TRUCK. MATERIAL IS A COMPRESSED GAS. USE WITH APPROPRIATE GAS REGULATORS AND EQUIPMENT RATED FOR PRESSURE.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IS NECESSARY IN CASE OF EMERGENCY.  
Ventilation:GENERAL VENTILATION.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:SAFETY SHOES WHEN HANDLING CYLINDERS.  
Work Hygienic Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Supplemental Safety and Health  
THESE GASES ARE FOR USE IN THE CALIBRATION OF CLINICAL AND RESEARCH INSTRUMENTATION. U.S. LAW P  
ROHIBITS DISPENSING THESE GASES FOR DRUG USE.

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

HCC:G3  
Appearance and Odor:COLORLESS, ODORLESS GAS MIXTURE.

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

Stability Indicator/Materials to Avoid:YES  
Hazardous Decomposition Products:NONE.

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

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Ecologica

I Information =====

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods:NEVER THROW TANKS INTO FIRE OR INCINERATOR.

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

Transport Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

SARA Title III Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Federa

I Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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 this information to be accurate and disclaims all liabi

lity 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.