

CHIRON DIAGNOSTICS CORP -- 477434, CALIBRATING GAS 5.0% CO*2, (SUPDAT) --
6830-00-280-9240

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

Product ID:477434, CALIBRATING GAS 5.0% CO*2, (SUPDAT)

MSDS Date:01/16/1997

FSC:6830

NIIN:00-280-9240

MSDS Number: CHDYF

=== Responsible Party ===

Company Name:CHIRON DIAGNOSTICS CORP

Address:63 NORTH ST

City:MEDFIELD

State:MA

ZIP:02052

Country:US

Info Phone Num:800-255-212

1

Emergency Phone Num:800-888-8372

CAGE:JO058

=== Contractor Identification ===

Company Name:CHIRON DIAGNOSTICS CORP

Address:63 NORTH ST

City:MEDFIELD

State:MA

ZIP:02052

Country:US

Phone:800-255-2121

CAGE:JO058

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

RT

ECS #:FF6400000
Fraction by Wt: 6-12%
OSHA PEL:5000 PPM
ACGIH TLV:5000 PPM/30000 STEL

Ingred Name:OXYGEN DIFLUORIDE
CAS:7783-41-7
RTECS #:RS2100000
Fraction by Wt: 0-21%
OSHA PEL:C 0.05 PPM
ACGIH TLV:C 0.05 PPM

Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: 67-100%
OSHA PEL:N/K
ACGIH TLV:ASPHYXIAN

Ingred Name:SUPDAT: TUNNEL VISION, & NUMBING & TINGLING OF EXTREMITIES.
CHRONIC: CARBON DIOXIDE: LONG-TERM EXPOS MAY AFFECT (ING 5)
RTECS #:9999999ZZ

Ingred Name:ING 4:
ACID-BASE BALANCE, RESULTING IN ACIDOSIS AND CAN
AFFECT CALCIUM METABOLISM.
RTECS #:9999999ZZ

Ingred Name:WASTE DISP METH: BIPHENYLS(THAT IS, NO CHEMS ON EPA TOXIC
POLLUTANT LIST(40 CFR 401.15), HOWEVER, IN ORDER TO (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6: DETERM PROPER DISPOSAL, CONSULT APPLICABLE LOCAL,
STATE AND FEDERAL REGULATIONS.
RTECS #:9999999ZZ

Ingred Name:EYE PROT: & FULL LENGTH FACESHIELD .
RTECS #:9999999ZZ

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

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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: CARBON DIOXIDE: TARGET ORGANS:

EYES & SKIN. EYE: CRYOGENIC BURNS MAY RSLT FROM CONT W/GAS OR CYL @

POINT OF EXIT FROM CYL. SKIN: CRYOGENIC BURNS MAY RSLT FROM CONT

W/GAS OR CYL @ POINT OF EXIT FROM CYL. INHAL: MAY CAUSE ASPHY.

SIGNS& SYMPS OF EXPOS: HDCH, SHORTNESS OF BREA

TH, NAUS, VOMIT &

(EFT OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: DIZZ. OXYGEN(0-21%): TARGET ORGANS:

EYES & SKIN. ACUTE: EYE: CRYOGENIC BURNS MAY RSLT FROM CONT W/GAS

OR CYL @ PONT OF EXIT FROM CYL. SKIN: CRYOGENIC BURNS MAY RSLT FROM

CONT W/GAS OR CYL @ POINT OF EXIT FROM CYL. NITROGEN: TARGET

ORGANS: EYES, SKIN & LUNGS. ACUTE: EYE: CRYOGENIC BURNS MAY RSLT

FROM (SUPDAT)

Medical Cond Aggravated by Exposure:NOT ESTABLISHED

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

First Aid:INGEST: CALL MD IMMEDIATELY . EYES: GET MED ATTN IMMED.

IMMEDIATELY FLUSH W/POTABLE WATER FOR AT LST 15 MINS, SEEK

ASSISTANCE FROM MD . SKIN: SEEK MED ADVICE IMMED FOR CRYOGENIC

BURNS. FLU SH W/COPIOUS AMOUNTS OF WATER. CALL MD.. INHAL: REMOVE

TO FRESH AIR.

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

Flash Point:NOT FLAMMABLE

Extinguishing Media:MEDIA APPROPRIATE FOR SURR

OUNDING FIRE.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE

EQUIPMENT . STANDARD FIRE-FIGHTING PRECAUTIONS SHOULD BE FOLLOWED

WHEN TRYING TO EXTINGUISH ANY FIRE.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:NON-FLAMMABLE. VAP DENS RELATIVE TO AIR:

SIMILAR. CLEAN-UP PROCEDURES: ALLOW GAS TO VENTILATE FROM AREA

UNTIL NORMAL BREATHING AIR CONDITIONS ARE MET. RELEASES MUST BE

