

TELEVISIO CORP -- CARBON DIOXIDE (P/N FOR KIT 10800600) -- 5820-00-557-7763

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Product Identification  
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Product ID:CARBON DIOXIDE (P/N FOR KIT 10800600)

MSDS Date:09/23/1997

FSC:5820

NIIN:00-557-7763

MSDS Number: CFKDY

=== Responsible Party ===

Company Name:TELEVISIO CORP

Address:2400 CENTRAL AVE, SUITE L

City:BOULDER

State:CO

ZIP:80301

Country:US

Info Phone Num:303-443-1964

Emergency Phone N

um:303-443-1964

Preparer's Name:DSCR-SSH

CAGE:17671

=== Contractor Identification ===

Company Name:TELEVISIO CORP

Address:2400 CENTRAL AVE, SUITE L

Box:City:BOULDER

State:CO

ZIP:80301

Country:US

Phone:303-443-1964

CAGE:17671

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Composition/Information on Ingredients  
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Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;93

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Hazards Identificatio

n =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SIMPLE ASPHYXIANT. HIGH CONCENTRATIONS OF CARBON DIOXIDE IN THE AMBIENT AIR CAN REDUCE THE OXYGEN CONTENT NECESSARY TO SUPPORT LIFE. IN THE SOLID PHASE (DRY ICE) CONTACT WITH BODY TISSUE WILL PRODUCE COLD BURNS OR FROSTBITE WITHIN SEVERAL SECONDS.

Explanation of Carcinogenicity:THIS MATERIAL IS NOT LISTED AS A

CARCINOGEN BY NTP, IARC, OSHA.

Effects of Overexposure:SHORTNESS OF BREATH, HEADACHE, DIZZINESS, WEAKNESS, DROWSINESS & RINGING IN EARS. DRY ICE IN CONTACT WITH BODY TISSUE PRODUCES BURNING SENSATION & FROSTBITE OCCURS WITHIN SEVERAL SECONDS.

Medical Cond Aggravated by Exposure:CONDITIONS WHICH CAUSE BREATHING DIFFICULTY.

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

First Aid:DO NOT ATTEMPT TO REMOVE AN INDIVIDUAL FROM THE SCENE WITHOUT UTILIZING PROPER RESCUE EQUIPMENT OR YOU MAY BECOME A CASUALTY. MOVE VICTIM TO FRESH AIR WHILE KEEPING THEM WARM, DRY & QUIET. IF BREATHING HAS STOPPED PERFORM ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:MATERIAL IS AN EXTINGUISHING AGENT ITSELF.  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.  
Unusual Fire/Explosion Hazard:CONFINEMENT OF CARBON DIOXIDE IN VESSELS CONTAINERS OF IMPROPER DESIGN CAN RESULT IN EXPLOSION OR RUPTURE FROM OVER-PRESSURIZATION.

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

Spill Release Procedures:EVACUATE THE AREA OF THE SPILL OR RELEASE, EMPLOY EMERGENCY FIRST AID PROCEDURES, PROVIDE PLENTY OF FRESH AIR.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:LIQUID & VAPOR STORAGE CONTAINERS ARE UNDER PRESSURE

E. DO NOT MIS-HANDLE OR ABUSE, CONTENTS. USE ONLY EQUIPMENT DESIGNED FOR CARBON DIOXIDE.

Other Precautions:NONE.

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

Respiratory Protection:NONE USUALLY REQUIRED, HOWEVER.

Ventilation:FRESH AIR, LOCAL EXHAUST/MECHANICAL VENTILATION.

Protective Gloves:HEAVY TERRY-CLOTH TYPE GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MSDS NOT AVAILABLE FROM MFR. MSDS GENERATED FROM THE DATA SUPPLIED BY THE MANUFACTURER FROM THE DRAWINGS. POC: MIKE MONTECELLO. 2.0 OZ OF CARBON DIOXIDE IS IN A METAL BOTTLE WHICH IS USED TO INFLATE THE FLOAT TO 3 PSI. SIZE OF FLOAT IS 20.5 INCHES.

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

HCC:G3

Boiling Pt:B.P. Text:-109F,-79C

Vapor Pres:84.7 @70F

Vapor Density:1.833KG/M3

Spec Gravity:1.5240

Solubility in Water

r:VERY SOLUBLE

Appearance and Odor:IN SOLID TRANSLUCENT WHITE & ODORLESS. IN GAS & LIQUID COLORLESS & ODORLESS.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

ACTIVE ALKALI METALS, ORGANOMETALLIC REAGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:HEATING ABOVE 1700C CAUSES DECOMPOSITION OF CARBON MONOXIDE & OXYGEN.

Conditions to Avoid Pol

polymerization:IT CAUSES VIOLENT POLYMERIZATION OF  
ACRYLALDEHYDE OR ETHYLENEIMINE.

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

Waste Disposal Methods:ALLOW CARBON DIOXIDE TO RELEASE, SUBLIME OR  
DISSIPATE IN THE OPEN AIR. AVOID RELEASING IN COURTYARDS OR INDOORS  
OR ANY AREAS WHERE HEAVY CARBON DIOXIDE VAPORS CAN ACCUMULATE.

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