

01-026

SPECIALTY GAS CORPORATION -- GASEOUS CARBON MONOXIDE -- 6830-00-973-7286

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

Product ID:GASEOUS CARBON MONOXIDE
MSDS Date:11/01/1987
FSC:6830
NIIN:00-973-7286
MSDS Number: BKYQK
=== Responsible Party ===
Company Name:SPECIALTY GAS CORPORATION
Address:135 SOUTH LA SALLE STREET
City:CHICAGO
State:IL
ZIP:60603-4282
Info Phone Num:(312) 855-2500
Emergency Phone Num:(504) 673-8831
CAGE:MO415

==== Contractor Identification ====
Company Name:LIQUID CARBONIC CORP
Address:135 S LA SALLE STREET
Box:City:CHICAGO
State:IL
ZIP:60603-4101
Country:US
Phone:312-855-2500
CAGE:36517
Company Name:SPECIALTY GAS CORPORATION
Address:135 SOUTH LA SALLE STREET
City:CHICAGO
State:IL
ZIP:60603-4282
Phone:(312) 855-2500
CAGE:MO415

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

Ingred Name:CARBON MONOXIDE
CAS:630-08-0
RTECS #:FG3500000
Fraction by Wt: 98%
Other REC Limits:50 PPM
OSHA PEL:50 PPM
ACGIH TLV:25 PPM; 9293

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: HEADACHE, NAUSEA, COMA,
DEATH & ASPHYXIA.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: HEADACHE, NAUSEA, COMA, DEATH,
ASPHYXIA.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED,
GIVE ARTIFICIAL RESPIRATION. ADMINISTER OXYGEN. KEEP VICTIM WARM &

AT REST. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Lower Limits:12.5%

Upper Limits:74%

Extinguishing Media:CO2, DRY CHEMICALS, HALON, & WATER SPRAY

Fire Fighting Procedures:IN FIGHTING SMALL FIRES APPROACH FROM UPWIND W/SELF-CONTAINED BREATHING APPARATUS. LARGE FIRES SHOULD BE FOUGHT FROM SAFE DISTANCE OR PROTECTED LOCATION.

Unusual Fire/Explosion Hazard:WHEN CARBON MONOXIDE IS MIXED W/AIR, IT'S A DANGEROUS FIRE & EXPLOSION HAZARD. IF IGNITED CONTAIN FIRE UNTIL FLOW IS SHUT OFF. AUTOIGNITION: 1128F.

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

Spill Release Procedures:STOP FLOW OF GAS. EVACUATE ALL PERSONNEL FROM AFFECTED AREA. USE APPROPRIATE PROTECTIVE EQUIPMENT. DON'T ENTER AREA W/O POSITIVE PRESSURE AIR OR SELF-CONTAINED BREATHING APPARATUS.

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

Handling and Storage Precautions:POSITIVE PRESSURE AIR LINE W/MASK OR SCBA SHOULD BE AVAILABLE FOR EMERGENCY USE. STORE IN A COOL, DRY, WELL VENTILATED AREAS, OUTDOORS PREFERRED.

Other Precautions:AVOID OXYGEN/CORROSIVE STORAGE AREAS. PROTECT CYLINDERS FROM PHYSICAL DAMAGE. ELECTRICAL EQUIPMENT SHOULD BE EXPLOSION PROOF OR NON-SPARKING. ALL PIPING/EQUIPMENT SHOULD BE ELECTRICALLY GROUND.

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

Respiratory Protection:POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST/MECHANICAL: STORE OR USED TO PREVENT ACCUMULATION OF CO >TLV.

Protective Gloves:LEATHER

Eye Protection:SAFETY GOGGLES, GLASSES

Other Protective Equipment:SAFETY SHOES

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:-312.7F

Vapor Density:0.968

Spec Gravity:0.793

Solubility in Water:2.32%

Appearance and Odor:COLORLESS & GAS ODORLESS.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS

Stability Condition to Avoid:HEAT, SOURCES OF IGNITION, SPARKS, FLAMES,
PHYSICAL DAMAGE.

=====
===== 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 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 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.