

# Chlorine Cl2 - Data / Prices

## Chlorine

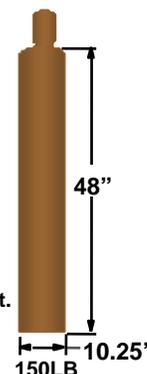
Purity: 99.5%

### MIL-BB-C-120C

CYLINDER COLOR: body & shoulder; "BROWN"  
band: (none)



Ton Container



### SHIPPING DATA

SHIPPING NAME: Chlorine

ID NO: UN1017 DOT Class: 2.3

CAS Registry: 7782-50-5

DOT Label: Poison Gas

Flammability Limits: Oxidizer

Molecular Weight: 70.91

Specific Volume: 5.4 cf/lb

EMERGENCY RESPONSE: See EMERGENCY RESPONSE GUIDE #124

\*62 lb

\* tare (empty) wt.

USES: Manufacturing of inorganic and organic chemicals, Sanitation in industrial and municipal waters and sewage, Disinfectant for swimming pools, and for bleaching textiles.

Table 1 - Gas & Cylinder Cross Reference Numbers / Prices

Cyl. style	GAS No		GAS Price Ea.	Cylinder No. (DOT Rating 3A or 3AA480)		Cylinder Price ea.	Service Pressure
	NSN's	Stoody Part No.		NSN's	Stoody Part No.		
150LB	683000281-3464	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	8120002854722	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	85 psi		
Ton		CHLORINE-BULK	CALL		CALL FOR INFO.		85 psi

\*\*\*READ THE FOLLOWING\*\*\*

### HAZARDOUS SPILL - INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

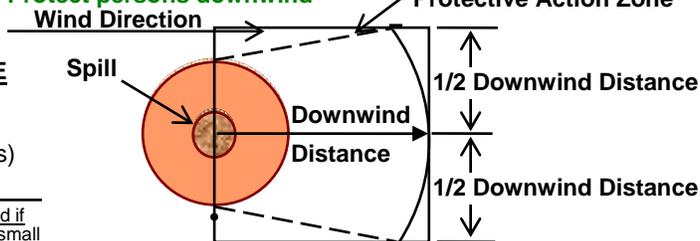
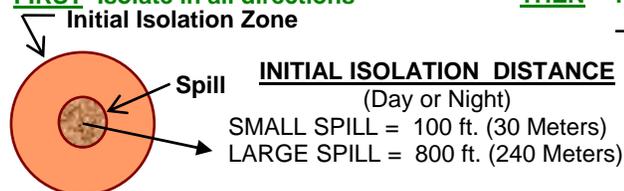
**FIRST** Isolate in all directions

Initial Isolation Zone

**THEN**

Protect persons downwind

Protective Action Zone



Determine if the incident involves a **SMALL** or **LARGE** spill and if **DAY** or **Night**. Generally, a **SMALL SPILL** is one which involves a single, small package (i.e., up to a 200 liter (55 U.S. gallon drum), a small cylinder, or a small leak from a large package. A **LARGE SPILL** is one which involves a spill from a large package, or multiple spills from many small packages. **DAY** is any time after sunrise and before sunset. **NIGHT** is any time between sunset and sunrise.

Establish the **INITIAL ISOLATION DISTANCE** and direct all persons to move, in a **crosswind** direction, away from the spill to the distance specified.

Next establish the **PROTECTIVE ACTION ZONE**, (i.e., the area in which people are at risk of harmful exposure) as illustrated above.

The **Initial Isolation Zone** and **Protective Action Distances** suggested are useful to protect people from vapors resulting from spills involving Chlorine C12, which is considered poisonous/toxic by inhalation (TIH).

The Initial Isolation Zone is the immediate area, **SURROUNDING** the incident, in which people may be exposed to dangerous (upwind) and life threatening (downwind) concentrations of material.

The Protective Action Zone is the area, **DOWNWIND** from the incident, in which persons may become incapacitated and unable to take protective action and/or incur serious or irreversible health effects.

**INITIATE PROTECTIVE ACTIONS** to the extent possible, beginning with those closest to the spill site and working away from the site in a downwind direction.

### PROTECTIVE ACTION DOWNWIND DISTANCE:

SMALL SPILL, DAY = 0.2 mi. (0.2 km)  
LARGE SPILL, DAY = 1.5 mi. (2.4 km)  
SMALL SPILL, NIGHT = 0.8 mi. (1.2 km)  
LARGE SPILL, NIGHT = 4.6 mi. (7.4 km)

When a Water-Reactive TIH producing material is spilled into a river or stream, the source of the toxic gas may move with the current or stretch from the spill point downstream for a substantial distance.

This information provides first responders with initial guidance until technically qualified emergency response personnel are available. Distances show areas likely to be affected during the first 30 minutes after Chlorine C12 is spilled and could increase with time. Adjusting distances for a specific incident involves many interdependent variables and should be made only by personnel technically qualified to make such adjustments.

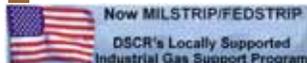
Due to many variables that are interdependent, no precise guidance can be provided to aid in adjusting the distances shown above. As a general guide; if the material becomes involved in a **FIRE**, the toxic hazard may become less important than the fire or explosion hazard. Or, if more than one tank car, cargo tank, portable tank, or large cylinder involved in the incident is leaking, **LARGE SPILL** distances may need to be increased.

Call the emergency response telephone number listed on the shipping paper, or the appropriate response agency ( phone umber listed below) as soon as possible for additional information on Chlorine C12, safety precautions, and mitigation procedures. Have spilled material (incl. ID No. UN1017) and wind direction information ready.

To report a Military shipment spill call 1-800-851-8061

To report a Civilian shipment spill call 1-800-424-8802

Stoody Industrial & Welding Supply, Inc. has teamed with Haas Group International (HGI) to locally support this item under HGI/ Defense Logistics Agency - Aviation (DLAA) contract #SPM4AR-07-D-0100. Once your order has been placed Stoody Industrial & Welding Supply, Inc will arrange delivery of full cylinder(s), and pick-up of qualified empty cylinder(s).



Non-MILSTRIP/FEDSTRIP items may be ordered directly from Stoody Industrial & Welding Supply, Inc.



To order your **MILSTRIP/FEDSTRIP** items, you may use these methods:

- (1) Service/Government agency automated ordering systems using MILSTRIP/FEDSTRIP (Standard Form 344) – (this is the preferred method)
- (2) Email your MILSTRIP/FEDSTRIP order to DLA's Customer Interaction Center at: [DLAContactCenter@dla.mil](mailto:DLAContactCenter@dla.mil)
- (3) Call your MILSTRIP/FEDSTRIP order in to DESX, which uses voice recognition, at **1-877-DLA-CALL**
- (4) Online shopping using a Government credit card through the DoD E-Mail at: <https://dod-emall.dla.mil> call 1-877-352-2255 DSN 661-7766

For MILSTRIP/FEDSTRIP item program questions, call 1-866-724-0932

To speak with a DLA Customer Interaction Center representative, call 1-877-DLA-CALL  
For more Information on this Program see the Military Bottled Gas Ordering Guide