



THE CHLORINE INSTITUTE

Guidance For First Responders Handling “Orphaned” Chlorine Containers

#1 IDENTIFICATION



Neck Ring



End Data Plate

Product ID

Stencils

“CHLORINE”
“UN 1017”

Labels (stickers or tags)



What is the container's condition?



Are there attachments?



Container Type	25-lb “pool shooter” cylinder	100-lb or 150-lb cylinder	one-ton container
Container DOT Specification	3AA2015	3A480 3AA480	106A500W
Owner ID Stamp	Neck Ring		End Data Plate

Valve Style

Standard/Basic or Robust/Oversized*
CGA 660/820



*Oversized top packing nut

Ceodeux
C990



High Purity



What is the container's paint color scheme?



#2 INITIAL ACTIONS



Spray container with water
(even if leaking)



Open Valve



Move Container
(unless necessary)



DO...



Take a lot of pictures
(ID and condition)



Handle as full hazmat container



Isolate & secure area



Trained responders in proper PPE

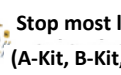


Ensure valve is closed



Rotate Container, if:

- Imminent threat to people
- Ensure gas leak from 12 o'clock position



Stop most leaks with capping kit
(A-Kit, B-Kit, or salvage container)

- Videos (in our bookstore, website, and YouTube page)
- Workshops, Seminars, Training, and Webinars
- Technical Publications & Guidance
- Technical Inquiries (TechSVC@CL2.com)



#3 CALL & REPORT

Report Info from Step #1



- suspected product container
- identifying information
- condition of container
- if there is an active leak
- details about incident area
- owner/supplier (if it can be identified)
- provide pictures



Call for Assistance
(even if there is not an active leak)

CANUTEC
Canada
1-888-226-8832
(toll free within Canada)
or 613-996-6666

**Hazmat
Emergency Call
Centers**

SETIQ
Mexico
1-800-002-1400
(toll free within Mexico)
or 52-55-5559-1588

CHEMTREC
U.S. & International
1-800-424-9300
(toll free within U.S.)
or 1-703-527-3887
(press #1 for all chlorine calls)

CHLOREP

The Chlorine Emergency Plan



Activates for **chlorine** ONLY
(although some companies may also handle other compressed gases)






#4 REMOVAL

If **Owner/Supplier** can be identified, they can retrieve container for disposal

Otherwise, **CHLOREP Team** can retrieve for disposal (**chlorine** only)

Must follow federal regulations for transport



Salvage Cylinder 	49 CFR §173.3(d)	CSA B340 Clause 6.4	Typically follows U.S. Transportation Regulations
A-Kit 	49 CFR §173.3(e)(1)	Apply for Temporary Certificate	
B-Kit 	49 CFR §173.3(e)(2)	CAN/CGSB 43.149 Section 9	

Non-Transport Options



Evacuate chlorine by connecting to process (if at user facility)



Ton Container Field Transfer (too damaged to transport)