

# Curfew®

## APPLICATOR CYLINDER HANDLING

### SOIL FUMIGANT

1. Comply with all federal, state, and local codes, laws, and ordinances including, but not limited to, those issued by the EPA, DOT, and OSHA. Containers must be inspected, tested, and marked to meet regulations as required by DOT. These inspections, tests, marking, and documentation are the responsibility of the mini-bulk owner; however, no shipper may offer any container for transport if it is not in compliance with regulations.
2. Each container must be inspected by the re-packer prior to filling to assure it is clean and free of contaminants (including water). Each container should be checked by using the pressure vacuum gauge and O2 meter. No greater than 5% oxygen is acceptable in cylinders. If contaminants are present, the tank must be cleaned.
3. Applicator is responsible for returning cylinders in the condition with which they received them, this includes valve cover caps. All cylinders must be returned with a positive pressure.
4. Containers should be stored within a diked area if required by state or local regulations. Check with local fire marshal and insurance company if you are unsure about the appropriate regulations.
5. Use of a filter adequate to protect downstream components must be used when emptying cylinder during application. Suggested size: finer than the smallest orifice downstream.
6. Containers must be compatible with the product, and allowed by DOT and NFPA regulations. NFPA #30 prohibits use of large plastic storage or transport tanks with flammable products. See table for suggested compatible materials.

Metals	Rating
Mild Steel, Cast Iron	OK
304 and 316 Stainless Steel	OK
Copper	OK
Yellow Brass	OK
Aluminum, Tin, Zinc, Magnesium, Cadmium or their alloys (galvanized products)	Do Not Use

7. Use grounding cables during product transfers.
8. Do not allow product vapors or liquids to back flow into nitrogen bottles. If possible, dedicate nitrogen bottles to Curfew® soil fumigant use only. Place a check valve between the nitrogen regulator and the Curfew container. Instruct users to open nitrogen cylinder valve prior to opening nitrogen valve to Curfew cylinder. To avoid back flow, never empty nitrogen. An (RPV) Reverse Pressure Valve is preferred on all nitrogen cylinders.
9. When storing cylinders, a First In First Out system must be in place, reviewed and approved by Dow AgroSciences.
10. Ensure system is in place to identify a clogged nozzle, confirm all nozzles are distributing product at all times during application. Application system that insures uniform flow and distribution must be reviewed and approved by Dow AgroSciences application technology specialist.