



## **HANDLING CHECKLIST**

### **What 'To Do' and what 'Not to Do' Drums and cylinders**

1. Know and understand the properties and hazards associated with liquefied gases before handling and using them.
2. Always wear eye protection (at least goggles) and gloves before handling liquefied gases.
3. Never remove or obscure official labelling on a container.
4. Where possible containers of propellants should be stored and used in dry, well-ventilated areas, preferably remote from fire risk.
5. Containers should not be exposed to direct radiation from sources of heat such as steam and electric radiators.
6. Never repair or modify container or container valves.
7. Used only approved container accessories.
8. At all times every precaution must be taken to avoid oil, water or foreign matter entering the container.
9. It is permissible to warm containers slightly with water or air, but never with naked flames or radiant heaters. The temperature of the heating medium must not exceed 40 °C.
10. Care must be exercised before entering any area or confined space (e.g. vessels) where the presence of a high vapour concentration is suspected. Vapour will tend to collect in pits or trenches and at ground level. Ventilation should be provided to disperse the vapour before entering the area.
11. The pressure in a container cannot be used as an indicator that it is empty; this can only be determined by weighing the container.

## Drums

12. Always ensure that a drum is securely chocked to prevent movement, or mounted in a cradle.
13. Always take care whilst handling drums; they are pressure vessels and care should be taken to ensure that the drums are not dropped or otherwise damaged.
14. Use approved, valid procedures for drum loading and unloading.
15. Always use the correct lifting beams, forklift trucks and trolleys suitable for handling the drums.

## Cylinders

16. Always use a proper trolley for moving cylinders, even for a short distance. Never roll cylinders along the ground.
17. Whenever cylinders without a shroud are moved the protective dome should be fitted.
18. If cylinders are inverted for discharge they should be supported in a suitable ring stand and the body of the cylinder secured.



**Mexichem UK Limited, The Heath Business and Technical Park,  
Runcorn, Cheshire, WA7 4QX  
Tel: +44 (0) 1928 514840  
e-mail: [zephxsales@mexichem.com](mailto:zephxsales@mexichem.com)  
[www.mexichemfluor.com](http://www.mexichemfluor.com)**

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