

Material Safety Data Sheet CARBON DIOXIDE

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

1. **Identification**
 Chemical Description Carbon Dioxide ID No.: 6001700

2. **Composition**
 Asphyxiant Gas CAS No.: 124-38-9

3. **Hazards Identification**
 Asphyxiant gas

4. **First Aid Measures**
 • Inhalation
 - Remove from exposure, rest and keep warm. In severe cases obtain medical attention. If breathing has stopped, start artificial respiration (Silvester Method) and if pulse and heart have stopped, start external heart massage. Obtain Medical Attention.

5. **Fire Fighting Measures**
 Special Risks n/a
 Extinguishing Media Cool container with water

6. **Accidental Release Measures**
 No special precautions necessary.
 Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water. Stop flow of gas, move leaking cylinder to open air if without risk.

7. **Handling and Storage**
 Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. **Exposure controls / Personal Protection (as appropriate to quantities handled)**
 Protective Equipment Goggles or face-shield
 Respiratory Protection Not applicable
 Ventilation Not applicable

9. **Physical and Chemical Properties**
 Appearance/Form Gas
 Colour Colourless
 Odour Odourless
 Melting Point n/a
 Boiling Point 79°C
 Solubility in water Slightly Soluble

10. **Stability and Reactivity**
 Stability Stable
 Substances to avoid No data

11. **Toxicological information**
 The literature and our own experience have not revealed any hazardous properties.
 After the uptake of large quantities you may experience: headache, drowsiness, dizziness, euphoria, agitation, spasms, narcosis.

12. **Ecological Information**
 No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

13. **Disposal Considerations**
 Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

14. **Transportation Information**
 Correct Technical Name Carbon Dioxide
 UN No 1013
 IMDG Class 2.2
 IATA 1013
 IMO 2.2/1013
 ADR/RID 2.5'(a)

15. **Regulatory Information**
 Symbol None
 Risk Phrases None
 Safety Phrases None
 UK Exposure Limits None assigned

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

The preceding is given in good faith as required under the health and safety at work act 1974, but no warranty is implied or given. The information provided is designed to enable the user to use the product safely. If the information is insufficient to ensure safety in any particular application, contact "the supplier" for further advice before proceeding.

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