



Product Data Sheet

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| Product: | Halocarbon 32 |
| Name: | Difluoromethane |
| Formula: | CH ₂ F ₂ |
| Molecular weight: | 52.02 |
| Specific volume: | 0.45 m ³ /kg @ 21° C 7.2 ft ³ /lb @ 70° F |
| CAS Registry Number: | 75-10-5 |
| UN Number: | UN 3252 |
| DOT Proper Shipping Name: | Difluoromethane |
| DOT Classification: | 2.1, (Flammable) |
| DOT Label: | FLAMMABLE |
| Grades: | Custom grades available to 99.999% |

Cylinder Information

| Cylinder Size** | Valve Connection | Pressure psig@21°C | Content US | Content Metric |
|-----------------|-------------------|--------------------|------------|----------------|
| 44L | DISS 724, CGA 350 | 207 | 60 lb | 27.3 kg |
| 17L | DISS 724, CGA 350 | 207 | 25 lb | 11.4 kg |
| 7L | DISS 724, CGA 350 | 207 | 15 lb | 6.8 kg |

SCP fills customer owned cylinders. This is a sample of common cylinders sizes.

Applications: Semiconductor etchant, refrigerant blends, fire suppression gels.

Additional information: Halocarbon 32 (Difluoromethane) (CH₂F₂) is a colorless, flammable gas with a slight ether-like odor. Halocarbon 32 is shipped as a liquefied gas under its own vapor pressure (207 psig @ 21°C).

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