



A UTC Fire & Security Company

Badger Fire Protection
www.badgerfire.com

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Subject: Dry Chemical Fire Extinguisher Shipping and Marking Information

General Shipping and Marking Guideline References for Badger and Kidde Stored Pressure, Dry Chemical Hand Portable Fire Extinguisher Models

Under 49 CFR DOT regulations, vessels having pressures greater than 40 PSI are generally considered hazardous for various shipping documentation and labeling purposes. The National Fire Protection Associations "Portable Fire Extinguisher" standard requirements identified within NFPA-10 paragraphs 4.2 and A.4.2, address the communication of pressurized fire extinguisher conditions with nameplate marking references such as **HMIS 1-0-0 / Contents Under Pressure**.

HMIS 1-0-0 = (Health-1 Flammability-0 Reactivity-0)

0 = Minimal Hazard

1 = Slight Hazard

2 = Moderate Hazard

3 = Serious Hazard

4 = Severe Hazard

Hand portable fire extinguishers having limited quantities of compressed gas and operating pressures to not more than 241 psig at 70F are exempted from various specific packaging and labeling requirements, except when they are specifically intended for transport by air. (*Reference: 49 CFR part 173.309 Fire Extinguishers.*)

All Badger and Kidde hand portable stored pressure dry chemical fire extinguisher models have operating pressures under 241 psig and the factory outer carton boxes they are shipped in, contain appropriate marking references for addressing most surface shipping needs.

When shipping these Badger and Kidde dry chemical hand portable fire extinguisher models by air, the following additional marking and labeling information may be necessary (*Reference 49 CFR part 172.101*) along with a copy of the appropriate dry chemical fire extinguishing agent MSDS available for download on our web site.

UN Proper Shipping Name	Fire Extinguishers
UN Number	UN-1044
UN Class	2.2 Nonflammable Compressed Gas
UN Packaging Group	N/A

The shipment of hazardous materials should only be prepared by properly trained and qualified personnel. For additional air shipment information reference the applicable DOT, TC or FAA transportation shipping requirements and suggested guidelines addressed within the IATA (International Air Transport Association) standard.