

FIGGIE

FIRE PROTECTION SYSTEMS

A FIGGIE INTERNATIONAL COMPANY

P. O. Box 7146
Route 29 North
Charlottesville, VA 22906
Telephone: (804) 973-4361
Fax: (804) 973-1589**MATERIAL SAFETY DATA SHEET**Non-Flammable Gas, Class 2.2
Fire Extinguisher, UN 1044**DRY CHEMICAL**Fire Extinguisher System
Pressurized Cartridge**QUICK IDENTIFIER****SECTION 1 -**Figgie Fire Protection Systems
Route 29 North
P.O. Box 7146
Charlottesville, Virginia 22906Emergency CHEMTREC
Telephone No.: (800)424-9300Other
Information
Calls: (804)973-4361

Date Prepared: January 12, 1994

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

OSHA PEL:	Not Applicable	ACGIH TLV:	Not Applicable	Other Exposure Limits:	Not Applicable	CAS No.:	Not Applicable
-----------	----------------	------------	----------------	------------------------	----------------	----------	----------------

This cylinder contains dry chemical (ABC, Regular, or Purple-K) and is pressurized by a cartridge (containing carbon dioxide or nitrogen) attached to the cylinder. See the National Fire Protection Association Booklet NFPA No. 10. When the cylinder is discharged, the agent will be released and may, under certain circumstances, present hazards to exposed persons. See attached representative MSDS'S for information and warnings concerning the appropriate agent (ABC, Regular, or Purple-K). In addition, the cartridge is pressurized with Nitrogen or CO₂. Although unlikely to occur, a cylinder and/or the cartridge could be propelled and cause bodily injury or property damage if the valve is broken due to improper handling or storage. Also, if a cylinder or cartridge is subject to severe physical impact, direct heat, or over-pressurization, it could discharge through an outlet or safety device or rupture causing bodily injury or property damage. See below for information concerning the potential physical hazards associated with compressed gas.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	Not Applicable	Specific Gravity (H ₂ O = 1):	NA	Vapor Pressure (mm Hg):	NA
Vapor Density (Air - 1):	Not Applicable				
Solubility in Water:	Not Applicable	Reactivity in Water:	Not Applicable		
Appearance and Odor:	Not Applicable	Melting Point:	Not Applicable		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point:	NA	Method Used:	NA	Flammable Limits in Air % by Volume:	LEL Lower: NA	UEL Upper: NA
Auto-Ignition Temperature:	Not Applicable		Extinguisher Media:	Not Applicable		
Special Fire Fighting Procedures:	Not Applicable					

Unusual Fire and Explosion Hazards: See Sections two and seven.

"The Protection People"
1 of 3

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY - Unstable:	Conditions	Direct heat and severe impact
Stable: X	to Avoid:	or over pressurization.

INCOMPATIBILITY
(Materials to Avoid): Not Applicable

HAZARDOUS POLYMERIZATION:	May Occur: Will Not Occur: X	Conditions to Avoid:	Not Applicable
------------------------------	---------------------------------	-------------------------	----------------

SECTION 6 - HEALTH HAZARDS

Acute:	Not Applicable	Chronic:	Not Applicable
--------	----------------	----------	----------------

Signs and
Symptoms of Exposure: Not Applicable

Medical Conditions Generally
Aggravated by Exposure:

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	YES: NO: X	I.A.R.C.	YES: NO: X	OSHA	YES: NO: X
---	-----------------------------------	---------------	----------	---------------	------	---------------

Emergency and
First Aid Procedures: In the event of physical injury, take appropriate first aid or medical measures.

ROUTES OF ENTRY	1. Inhalation: Not Applicable
	2. Eyes: Not Applicable
	3. Skin: Not Applicable
	4. Ingestion: Not Applicable

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage:

Handle, transport and store carefully and securely to avoid accidental knocking over or other severe physical impacts. Do not expose to direct heat sources. Do not over-pressurize. If the cylinder is discharged, avoid breathing the contents or contact with skin.

Other Precautions:

Safety pins and safety seals should remain on extinguisher when not in use.

Steps to be Taken in Case Material is Released or Spilled:	Cylinders and cartridges should be refilled only by trained and qualified personnel.
---	---

Waste Disposal
Methods: Not Applicable

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: Not Applicable

Ventilation:	NA	Local Exhaust:	NA	Mechanical (General):	NA	Special:	NA	Other:	NA
Protective Gloves:	Wear gloves when handling cylinders			Eye Protection:	Eye protection is recommended when handling cylinders.				
Other Protective Clothing or Equipment:	Safety shoes are recommended when handling cylinders.								
Work/Hygienic Practices:	Not Applicable								

Note: This Material Safety Data Sheet (MSDS) addresses the hazards associated with compressed gas only. For information concerning the fire suppression agent (Regular, ABC or Purple-K) refer to the appropriate MSDS.

In each instance, in this MSDS, where the letters NA or the words Not Applicable are used, it means Not Applicable with respect to compressed gas.