

**FIRE AND EXPLOSION PROTECTION**

**VENDOR LIST**



**SIGNIFICANT NEW ALTERNATIVES POLICY PROGRAM**  
**STRATOSPHERIC PROTECTION DIVISION**  
**U.S. EPA**

EXHIBIT 2 :

FIRE AND EXPLOSION PROTECTION:  
REPRESENTATIVES OF AGENTS SUBMITTED TO AND ACCEPTED BY SNAP

M

Paul Rivers  
M Center Building, 236-1B-07  
St. Paul, MN 55144-1000  
(551) 733-0029  
(551) 733-4335 (FAX)  
erivers2@mmm.com  
C<sub>2</sub>F<sub>14</sub> (CEA-614); C<sub>4</sub>F<sub>10</sub> (CEA-410);  
C<sub>3</sub>F<sub>8</sub> (CEA-308)

DI Technologies, Inc.  
erry Brown  
487 Chain Bridge Road, Suite 204  
McLean, VA 22101  
(703) 734-9626  
(703) 448-8591 (FAX)  
dit22101@aol.com  
Powdered Aerosol A (SFE)

LES International Pty Ltd  
Valia Berezovsky  
Gloucester Road, Hurstville  
P.O. Box 694, Hurstville  
NSW 2220 Australia  
(61) 2-9586-3200  
(61) 2-9586-3211 (FAX)  
pyrogen@fl.net.au  
www.pyrogen.com  
Powdered Aerosol C (PyroGen)

American Pacific Corporation  
Halotron Division  
Jeff Gibson  
770 Howard Hughes Parkway, Suite 300  
Las Vegas, NV 89109  
(702) 699-4184  
(702) 735-4876 (FAX)  
halotron@apfc.com  
www.halotron-inc.com  
CFC Blend B (Halotron 1)

Ansul Fire Protection  
David Pelton  
240 Iroquois Drive, Suite 102  
Naperville, IL 60563-8537  
(630) 305-5700  
(630) 305-3360 (FAX)  
pelton@tyco.geis.com  
www.ansul.com  
(630) 305-541 (Inergen)

Dupont Fluoroproducts  
Daniel Moore  
Chestnut Run Plaza  
P.O. Box 80702  
Wilmington, DE 19880-0702  
(302) 999-4459  
(302) 999-2816 (FAX)  
daniel.w.moore@usa.dupont.com  
www.dupont.com/fire  
HFC-23 (FE-13); HFC-125 (FE-25); HFC-236fa (FE-36); HCFC-123 (FE-232); HCFC-124 (FE-241)

Firefox Industries  
James Zwergel  
3896 Sardis Road  
Murrysville, PA 15668  
1-800-930-3366  
(724) 733-3822  
(724) 733-3823 (FAX)  
info@firefoxind.com  
www.firefoxind.com  
Foam A

\* Firefreeze Worldwide, Inc.  
Stephanie E. Giessler  
270 Route 46 East  
Rockaway, NJ 07866  
(973) 627-0722  
(973) 627-2982 (FAX)  
info@firefreeze.com  
www.firefreeze.com  
Surfactant Blend A (Cold Fire)

Ginge-Kerr Danmark A/S  
Jacob O. Pederson  
111, Stamhoimen  
DK2650 Hvidovre  
Denmark  
45-3677-1131  
45-3677-2231 (FAX)  
ginge@ginge-kerr.dk  
www.kidde-int.com  
IG-55 (Argonite)

### ACCEPTABLE STREAMING SUBSTITUTES

Please refer to SNAP rules and notices for full explanations of conditions and restrictions

Substitute (Trade Name)	Conditions/Restrictions
HBFC-22B1	Nonresidential uses only
HCFC-123 (FE-232)	Nonresidential uses only
HCFC-124 (FE-241)	Nonresidential uses only
HCFC Blend B (Halotron 1)	Nonresidential uses only
HFC-227ea (FM 200)	Nonresidential uses only
HFC-236fa (FE-36)	Nonresidential uses only
HCFC Blend C (NAF P-III)	Nonresidential uses only
HCFC Blend D (Blitz III)	Nonresidential uses only
HCFC Blend E (NAF P-IV)	Nonresidential uses only (HCFC Blend E was proposed acceptable on Feb. 18, 1999; final action on this agent is pending.)
C <sub>6</sub> F <sub>14</sub> (PFC-614, CEA-614)	Allowed where no other agent is technically feasible; nonresidential uses only
CF <sub>3</sub> I (Triiodide)	Nonresidential uses only
Carbon Dioxide	
Water	
Water Mist Systems using Potable or Natural Sea Water	
Dry Chemical	
Foam	
Gelled Halocarbon/Dry Chemical Suspension	Allowable in the residential use market
Surfactant Blend A (Cold Fire)	

### UNACCEPTABLE SUBSTITUTES

Please refer to SNAP rules and notices for full explanation of reasons

Substitute	Reason
CFC-11	Non-ozone depleting alternatives are currently available
Chlorobromomethane (CBM)	Non-ozone depleting alternatives are currently available
HFC-32	This agent is flammable



United States  
Environmental Protection Agency

Air and Radiation  
Stratospheric Protection Division  
6205J

**Halon Substitutes Under SNAP as of May 22, 1998**

**SNAP Information:** <http://www.epa.gov/ozone/title6/snap/snap.html>  
**Stratospheric Ozone Protection Hotline:** (800) 296-1996

EPA has created the Significant New Alternatives Policy (SNAP) Program under section 612 of the Clean Air Act Amendments. SNAP evaluates alternatives to ozone-depleting substances. Substitutes are reviewed on the basis of ozone depletion potential, global warming potential, toxicity, flammability, and exposure potential as described in the March 18, 1996 final SNAP rule (59 FR 13044). Lists of acceptable and unacceptable substitutes will be updated periodically in the Federal Register. The following SNAP notices and subsequent final rules are included in this list: August 26, 1994 (59 FR 47240), January 13, 1995 (60 FR 3318), June 13, 1995 (60 FR 31092), July 28, 1995 (60 FR 38729), February 8, 1995 (61 FR 4736), May 22, 1996 (61 FR 25585), September 5, 1996 (61 FR 47012), October 16, 1996 (61 FR 54030), June 3, 1997 (62 FR 50275), February 24, 1998 (63 FR 9151), and May 22, 1998 (63 FR 28251).

**Acceptable Substitutes for Halon Streaming Agents under the  
Significant New Alternatives Policy (SNAP) Program as of May 22, 1998**

Substitute	Trade Name	ODS Being Replaced	Comments
HCFC-125		Halon 1211	Non-residential uses only
HCFC-124	FE-241	Halon 1211	Non-residential uses only
[HCFC Blend] B	Halotron I	Halon 1211	Non-residential uses only
[HCFC Blend] C	NAF P-III	Halon 1211	Non-residential uses only
[HCFC Blend] D	Blitz III	Halon 1211	Non-residential uses only
Ge Icc Halocarbon/Dry Chemical Suspension		Halon 1211	Allowable in the residential use market
✓ [Surfactant Blend] A	Cold Fire	Halon 1211	
Water Mist Systems using Potable or Natural Sea Water		Halon 1211	
Carbon Dioxide		Halon 1211	
Dry Chemical		Halon 1211	
Water		Halon 1211	
Foam		Halon 1211	



United States  
Department of  
Agriculture

Food Safety  
and Inspection  
Service

Regulatory Programs  
Building 306, BARC-East  
Beltsville, MD 20705

December 27, 1996

Mr. Juergen Giessler  
Firefreeze Worldwide, Inc.  
270 Route 46 East  
Rockaway, NJ 07866

Dear Mr. Giessler:

This is in reply to your request for compound authorization received on October 25, 1996 for your product Cold Fire.

This product is acceptable for use in inedible product processing areas, nonprocessing areas, and/or exterior areas of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs provided that it is not used to mask odors resulting from insanitary conditions, and that any characteristic odor or fragrance does not penetrate into an edible product area.

Permission for the use of this compound on loading docks and other similar areas is left to the discretion of the inspector in charge of the establishment.

Acceptance of compounds by this Department is in no way to be construed as an endorsement of the compounds or of any claims made for them.

If any change is made in the labeling information or formulation, the authorization for use in official plants becomes void immediately.

Sincerely,

John M. Damaré, Chief  
Compounds Review Branch  
Facilities, Equipment, Labeling, and Compounds Review Div.