OZONEWS

A weekly electronic news service on ozone protection & related issues compiled by:
UNEP DTIE OzonAction Programme
28 April 2000

Table of Contents:

---

1)- H3R Inc. Halotron I Fire Extinguishers For Fire Protection

Halotron Clean **Fire Extinguishing Agent** Replacement **for Halon 1211** Halotron is a clean fire-extinguishing agent intended to replace Halon 1211 in streaming applications. NFPA 2001, "Standard on Clean Agent Fire Extinguishing Systems" defines a "Clean Agent" to be "electrically nonconducting, volatile, or gaseous fire extinguishant that does not leave a residue upon evaporation." Halotron is a safe, effective, environmentally acceptable replacement for Halon 1211. It is discharged as a liquid that rapidly evaporates. Halotron is a proprietary three component chemical blend based on HCFC-123. **Halotron Approvals U.S. Environmental Protection Agency (EPA)** "**Significant New Alternatives Policy" (SNAP) Program.** The EPA's SNAP program is a requirement under Section 612 of the Clean Air Act Amendments of 1990. The EPA's objective is to evaluate alternative chemicals and processes intended to replace ozone depleting substances like CFCs and Halon to ensure that they are acceptable from a human health and environmental perspectives. Proposed alternatives must have an acceptable environmental impact, have low toxicity and must be relatively clean or volatile. The replacements must also be commercially available and effective fire suppression agents. Under the CAA, Halons are considered "Class I" in which production was stopped on January 1, 1994. HCFCs like Halotron are considered transitional "Class II" substances. In the final SNAP rule, published in the Federal Register on March 18, 1994, Halotron was listed as a "Class II" substance acceptable streaming agent substitute for Halon 1211 in commercial/ industrial, maritime, and military uses. New production of Halotron is subject to a complete phase-out in the year 2030.

Meets standards in NFPA 2001 "Standard on Clean Agent Fire Extinguishing Systems" Underwriters Laboratory (UL) and Underwriters Laboratory of Canada (ULC) Listed In compliance with ANSI 711 and ANSI/UL 1093 In 1995 both UL and ULC tested and listed Halotron in portable extinguishers in the following fire classes: Class **A** Fires in ordinary combustibles such as wood, cloth, paper, rubber, and many plastics. **Class B** Fires in flammable liquids, oils, greases, tars, oil-based paints lacquers, and flammable gases. **Class C** Fires that involve energized electrical equipment.

U.S. Federal Aviation Agency (FAA) For **Airport Fire Fighting** on June 12, 1995, the FAA issued CertAlert 95-03, which describes the approval of Halotron for use in airport fire fighting. The primary application for Halotron at commercial airports has been in aircraft rescue and fire fighting vehicles.

U.S. Coast Guard Approved for portable **fire extinguishers** The U.S. Coast Guard has approved Halotron filled fire extinguishes, that meets USCG requirements, as "Marine Type, USCG Approved." The established sizes are type B, size I. And type B, size II.

Contact: H3R, Tel: 800-249-4289 or e-mail: sberg@h3r.com

2)- USDA says ban on ozone-depleting pesticide to cost consumers, producers

The worldwide phase-out of an ozone-depleting pesticide could cost U.S. consumers and producers $400 million to $450 million a year if alternatives aren't developed for farmers to use, the government said Thursday.
The biggest loss from the phase-out of methyl bromide would be to growers of strawberries, tomatoes and other vegetables, according to a study released by the Agriculture Department's Economic Research Service.
Methyl bromide, an odorless, colorless gas, is used to fumigate the soil, treat commodities while in storage and control pests during government-imposed quarantines. California and Florida account for 80 percent of its use as a soil fumigant.
Under federal law, use of the pesticide was to be cut by 25 percent last year, 50 percent in 2001, 70 percent in 2003 and then eliminated in 2005 except for limited purposes, such as quarantines.

"The phaseout of methyl bromide will cause substantial, short-term losses to U.S. producers and consumers of crops treated with methyl bromide until more cost-effective alternatives are developed and made available," the study said.

Imports of Mexican-produced tomatoes, peppers and eggplants would likely increase because Mexico is not phasing out methyl bromide until 2015, USDA said. Mexico is classified as a developing country under the treaty that required the elimination of the pesticide.

The most likely alternatives to methyl bromide as a soil fumigant are chemicals called Telone and chloropicrin, but California and Florida have restrictions on both due to air and water quality concerns. Other chemicals have not been approved by federal regulators.

Source: The Associated Press, 31 March 2000

3)- Companies Cited for Improper Disposal

Environmental Protection Agency (EPA) recently cited two Detroit, MI-based metal recyclers for allegedly violating federal regulations concerning ozone-depleting substances (ODS). EPA said R&F Metals Company, Inc., and Consumers Recycling, Inc., did not follow federal regulations while disposing of appliances that contained ozone-depleting refrigerants. EPA noted that its inspectors witnessed both companies disposing of the appliances without first checking to see if they contained ODS. The agency said the citations are preliminary findings of violations, and may issue compliance orders, assess administrative penalties, or bring suits against the two companies in order to resolve the allegations. EPA said it has already met with representatives from both companies to discuss resolutions.

Source: Environmental Support Solutions, Inc. 15/03/2000

4)- Free Air Conditioning with the OMNI Waste Oil Fired Air Conditioner

Econo Heat Omni Innovative waste oil burner technology is the key to all of our waste oil fired systems that we've manufactured. Stabilization of the flame through Automation is very important to maintain flame control. Our OMNI Waste oil Fired Ammonia Absorption Air Conditioner utilizes only three moving parts in the sealed refrigeration cycle, and a silent flame that drives the cooling process. The result is chilled water that's circulated to zones, which condition the air in your living or work area. No mechanical compressors or engines to wear out or get noisy with age. A BALANCED ENERGY SYSTEM OMNI's absorption system effectively blends two energy sources. An efficient waste oil burn provides the primary energy for the absorption cooling cycle. Electricity, in relatively small amounts, transfers the work done by the burner (chilled water) into the conditioned space by powering only motors and controls. CONSIDER THE ADVANTAGES Waste Oil Fired - Free source of fuel! Eliminate waste oil disposal costs! Absorption Cooling Technology - Balanced energy system with fewer moving parts and no compressor. Environmentally Sensitive - No CFC’s or HCFC’s. No ozone destruction or reclaiming of refrigerants. Chilled Water Flexibility - Allows design freedom for zoning. Eliminates long and cumbersome duct runs. Maintains the architectural integrity and aesthetics of the structure. Multiple Zoning - True comfort control. Match temperatures to indoor activities. Minimal Electrical Requirements - Uses single phase power. Eliminate or reduce electrical wiring costs and utility demand charges. Low Wattage/Amp Requirements - Allows smaller electric back-up generator for those applications having critical air conditioning

needs. Air Cooled - No costly water towers or water treatment maintenance required. Part Load Efficiency - Staging ability of the larger modular systems allows for optimum performance and reduced operating cost. GOOD FOR THE ENVIRONMENT Environmentally sensitive OMNI Waste Oil Air Conditioning Systems have been manufactured to burn at the highest level of efficiency. **We burn clean Zero Smoke! Our units contain absolutely no ozone destructive CFC's (Chlorofluorocarbons) or HCFC's (Hydrochlorofluorocarbons)**.

For further information on the Industry News above, contact:

Company: Econo Heat, Inc. Terry Fletcher, Address: 5714 E. 1st Ave. Spokane, WA 99212 USA Toll Free: 800-255-1363 Ext. 118 Phone: 509-534-1022 Fax: 509-532-2093 Email:EconoHeat@ime.linkopp.net
Web: www.ime.linkopp.net

Source: http://www.hvacmall.com/ 24/4/2000
