Table 9.16.D.: Application of Chemical (Halocarbon) Agents

HALOCARBON AGENT	COMMERCIAL NAME	TECHNICAL INFORMATION	EPA COMMENTS
1. HFC 227ea	FM-200, FE-227, MH 227, Solkaflam 227	i. Consists of Carbon, Fluorine and Hydrogen ii. Super-pressurized with Nitrogen to 2482 Kpa iii. Colorless, Odorless and Electrically Non-conductive iv. Operating temperature is -12.2 ^{0}C to 65.6 ^{0}C v. Stored in liquid form at 24-42 bar	vi. Use of this agent should be in accordance with the safety guidelines in the latest edition of the NFPA 2001 Standard for Clean Agent. Fire Extinguishing Systems. vii. See additional comments i, ii, iii, iv, v. in **Table 9.16.16.**
2. C6-PERFLUORO-KETONE [1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone]	Novec 1230	i. Boiling point of 49 ^{o}C ii. Stored in liquid form, Super-pressurized with Nitrogen to 25 bar	iii. Use of the agent should be in accordance with the safety guidelines in the latest edition of the NFPA 2001 Standard for Clean Agent Fire Extinguishing Systems. iv. For operations that install and maintain total flooding systems using this agent, EPA recommends the following: - install and use adequate ventilation; clean up all spills immediately in accordance with good industrial hygiene practices; and provide training for safe handling procedures to all employees that would be likely to handle containers of the agent or extinguishing units filled with the agent. v. See additional comments i, ii, iii, iv, v. in **Table 9.16.16.**
3. HFC 125, HFC-227ea with 0.1% d-limonene	NAF S 125, NAF S 227 ECARO-25,	i. Super-pressurized with Nitrogen to 2482 Kpa ii. Colorless, Odorless and Electrically Non-conductive iii. Operating temperature is -12.2 ^{o}C to 65.6 ^{o}C iv. Stored in liquid form at 24 bar	v. Use of the agent should be in accordance with the safety guidelines in the latest edition of the NFPA 2001 Standard for Clean Agent Fire Extinguishing Systems. vi. Extinguisher bottles should be clearly labeled with the potential hazards associated with the use of HFC-125 and d-limonene, as well as handling procedures to reduce risk resulting from these hazards. vii. See additional comments i, ii, iii, iv, v. in **Table 9.16.16.**
4. HFC 125	FE-25	i. Super-pressurized with Nitrogen to 2482 Kpa ii. Colorless, Odorless and Electrically Non-conductive iii. Operating temperature is -12.2 ^{o}C to 65.6 ^{o}C iv. Stored in liquid form at 24 bar	v. Use of this agent should be in accordance with the safety guidelines in the latest edition of the NFPA 2001 Standard for Clean Agent. Fire Extinguishing Systems. vi. See additional comments i, ii, iii, iv, v. in **Table 9.16.16.**