Sinorix 1230

- **What is Sinorix 1230?**

  - New Engineered Fire Suppression System from Siemens

  - Uses 3M™ Novec™1230 Fire Protection Fluid

  - Uses our current Sinorix227 suppression hardware - No changes to valves, cylinders or actuation devices

  - Alarm and Detection Systems, Sequence of Operations, Installation Methods, Testing – All Remain unchanged

  - Minimal Transition Time for Designers and Installers

SIEMENS

Sinorix 1230

- **What is Sinorix 1230?**

  - Utilizes Hughes Associates Software for Hydraulic Flow Calculations

  - One Software Package for Both Sinorix 1230 and Sinorix 227

    - Upgrade existing HFC227ea Software also available

  - Appearance On-Screen will be Identical for Both

  - Upgraded Software for Ease of Use with All Operating Systems

SIEMENS

- **What is Novec 1230 Fire Protection Fluid?**

  - BEST Environmental Profile of **ALL** Chemical Clean Agents

  - ZERO ODP

  - LOW GWP

    - FE-227/FM-200   GWP = 3220

    - FE-25   GWP = 3500

    - Halon 1301   GWP = 7140

    - **Novec 1230**   **GWP = 1**

SIEMENS

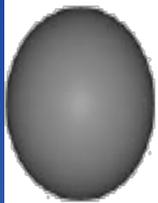**What is Novec 1230 Fire Protection Fluid?**

- Novec 1230 fluid is a Fluoroketone – a proprietary 3M technology that offers a number of important advantages over other Chemical Halon replacements.

- Novec 1230 is a Liquid at Room Temperature

  - Vaporizes 50 Times Faster than Water

  - Readily converts to Gas Upon Discharge
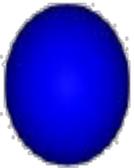
How Does NOVEC 1230 Extinguish a fire?
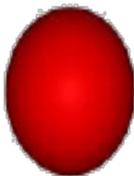
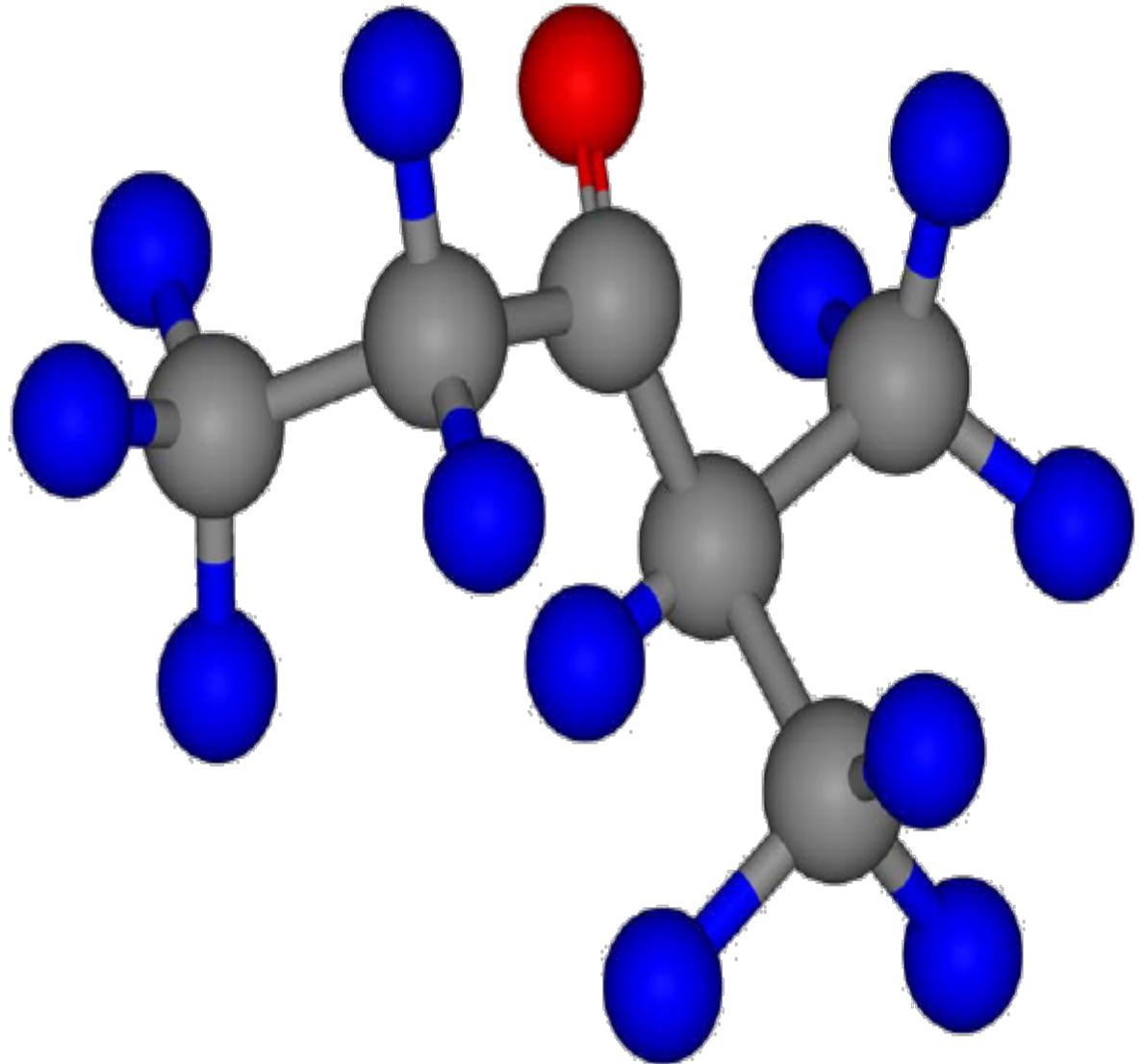- Novec 1230 extinguishes primarily by cooling the fire

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CARBON

FLUORINE

OXYGEN

SIEMENS

Novec 1230 Fire Protection Fluid

- **Where is Sinorix 1230 used?**

    - Anywhere FE-227/FM-200 is Used Currently

        - Data Centers

        - Telecommunications

        - Museums, Art Galleries

        - Medical, Health Care

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