

**APPROVAL FORM
FOR
HALON ALTERNATIVES**

1.0 EXTINGUISHING AGENT (EA)

- 1.1 Name of extinguishing agent: -----
- 1.2 Name of manufacturer: -----
- 1.3 Location of manufacturing plant/s: -----
- 1.4 QA/QC manufacturing procedures: -----
- 1.5 Material Safety Data Sheet (MSDS): -----
- 1.6 MSDS Test Laboratory:
(Recognized & acceptable by
FRDM) -----
- 1.7 Chemical composition of EA: -----
- 1.8 Approval letter from DOE:

(For Halocarbons only) -----

Note:

Submission is deemed incomplete and will not be processed if any item under 1.0 is not furnished.

2.0 ENVIROMENTAL PROPERTIES OF EA.

- 2.1 Atmospheric Life (L) in years: -----
- 2.2 Ozone Depletion Potential (ODP):-----
- 2.3 Global Warming Potential: -----`

3.0 SAFETY MEASURES.

| | Required | Not Required |
|---|--------------------------|--------------------------|
| 3.1 First Aid measures in case of exposure to personnel | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.2 Accidental release measure in case of leakage or spillage | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.3 Stringent handling, transportation and storage procedures | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.4 Stringent labeling requirements | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.5 Disposable considerations | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.6 Other precautions related to safety measures | <input type="checkbox"/> | <input type="checkbox"/> |

4.0 SAFETY DATA

- 4.1 NOAEL (N%): -----
- 4.2 LOAEL (L%): -----
- 4.3 Minimum Design Concentration (M%): -----
- 4.4 Odour: -----
- 4.5 Colour: -----
- 4.6 Dangerous by-products: -----

Note:

Please verify the details on laboratory where the test was carried out.

5.0 FIRE EXTINGUISHMENT PERFORMANCE

- 5.1 Cold Discharge Test: -----
- 5.2 Heptanes Tray Fire: -----
- 5.3 Large Wood Crib Fire: -----
- 5.4 PVC Cable Crib Fire: -----
- 5.5 PVC Ribbon Cable Crib Fire: -----
- 5.6 Others:
 - i) -----
 - ii) -----
 - iii) -----
 - iv) -----
 - v) -----

Note:

Please verify the details on laboratory where the test was carried out.