

- Use of pits or trenches, again preferably with an impermeable lining to prevent seepage of foam to ground.
- Use of portable storage tanks or drums.

Foam Concentrate Disposal

Foam concentrate may need to be disposed of in the event of a spillage or if it is judged unsuitable for use as a result of age or being diluted or contaminated by foreign materials.

It should be taken to an approved disposal site by a licensed waste disposal contractor for disposal by controlled release to a WWTP, incineration, or liquid landfill.

A common method of AFFF disposal is high-temperature incineration. This needs heating the substance up to at least 1000°C, with a minimum residence time of two seconds. An accredited disposal company has the knowledge, resources, and preventative measures to complete this process safely and effectively.

Furthermore, foam concentrate wastes containing fluorinated organic compounds can either be disposed of by high temperature incineration or be treated to remove the fluorinated organic compounds for separate incineration. Subsequently treated in an Effluent Treatment Plant.

In an event of a spillage or leakage from a damaged foam container, the recommended approach to dealing with foam concentrate residues is to physically absorb them onto a suitable solid particulate material. Absorbents are available as granules, powder, sheets or pillows. This material can then be disposed of by incineration or landfill, in accordance with local regulations.

Note

Further Information - Refer to National Fire Protection Association Code 11, including its Annex E, "Foam Environmental Issues"

- The given data is given in good faith and for general guidelines only.
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Note: Please consider IS 1 000 series standards for general guidelines of environmental protection.

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