

LVS NF-40 Non-Fluorinated Liquid Suppression Agent

Features

- Suppresses and helps secure fires in mobile equipment
- Operating temperature range of -40 °F to 140 °F (-40 °C to 60 °C)
- Biodegradable solution, formulated without the intentional addition of Per- and Poly-Fluorinated Alkyl Substances (PFAS) and blended with water that contains no fluoride
- FM Approved, ActivFire Listed per AS-5062 and CE marked (as part of the ANSUL® LVS Fire Suppression System).
- Easy-to-store 3 gal (11.3 L) and 5 gal (18.9 L) square pails and 265 gal (1,003 L) totes

Description

LVS NF-40 Non-Fluorinated Liquid Suppression Agent is a unique blend of organic salts, coupled with surface active ingredients. This blend provides a measure of freeze protection along with the securing properties associated with conventional Class B liquid agents, without the addition of Per- and Poly-Fluorinated Alkyl Substances (PFAS).

Table 1: Typical physiochemical properties

Appearance	Colorless to pale yellow liquid
Storage life	10 years
Temperature range	-40 °F to 140 °F (-40 °C to 60 °C)
Refractive index	1.3892 ± 0.0055
Density	1.28 ± 0.02 g/ml
Kinematic viscosity	10.0 cSt at 70 °F (21 °C)
pH	10 to 11

Approvals, listings, and standards

LVS NF-40 Non-Fluorinated Liquid Suppression Agent is Factory Mutual (FM) 5970 Approved (2022 Edition), ActivFire Listed per AS-5062 and CE marked as part of the ANSUL® LVS Fire Suppression System.



011653

Applications

LVS NF-40 Non-Fluorinated Liquid Suppression Agent is part of the ANSUL® LVS Fire Suppression System designed to suppress fires in mobile equipment used in a wide range of industries such as:

- Underground and surface mining
- Forestry/logging
- Construction
- Waste management
- Metal processing
- Transportation
- Power generation
- Agribusiness
- Ground support equipment

The liquid suppression agent is designed to flow into hard-to-reach areas along the same path where flammable liquids may have migrated. The agent suppresses fire and helps prevent reflash by forming a blanket over the fuel to exclude oxygen, with the water and chemical compounds cooling the fuel and heated surfaces.

Ordering information

Table 2: Ordering information

Part No.	Description
454647	LVS NF-40 Non-Fluorinated Liquid Suppression Agent, 3 gal (11.3 L) Pail
454649	LVS NF-40 Non-Fluorinated Liquid Suppression Agent, 5 gal (18.9 L) Pail
454651	LVS NF-40 Non-Fluorinated Liquid Suppression Agent, 265 gal (1,003 L) Tote

Safety Data Sheets (SDS) are available at www.ansul.com

Note: The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

ANSUL®, LVS, and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.