



TECHNICAL DATA SHEET

Viking 3% XMAX High-Expansion Foam Concentrate

1. PRODUCT IDENTIFICATION

This document covers the following product, hereafter referred to as “concentrate”:

Viking 3% XMAX High-Expansion Foam Concentrate

2. INTENDED USE

The concentrate is intended to be used in fixed and semi-fixed fire protection systems as allowed by applicable approval authorities. The concentrate shall be used in accordance with:

1. The concentrate’s Listings, Approvals, and associated design requirements.
2. The recognized design and installations standards issued, for example by FM and NFPA.
3. The latest revisions of all applicable manufacturer’s and distributor’s documentation.



Governmental codes, ordinances, and standards may apply and may differ from one another.

WARNING:

Cancer and Reproductive Harm www.P65Warnings.ca.gov

The concentrate is intended for use:

- On Class A fires.
- On Class B hydrocarbon fuel fires.
- With Viking High-Expansion foam generators

For information on how to use the discharge devices associated with this concentrate, refer to the UL Listing.

3. APPLICABLE DOCUMENTS

- Technical document F_110121.



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4. LISTINGS, APPROVALS, AND CERTIFICATIONS



UL Listed GLKX.EX27844 Liquid Concentrates, High-expansion Foam; UL 162 and UL139

Refer to the UL Listing for systems and devices that are approved for use with this concentrate. Refer to the system and device data sheets from Viking, NFPA, and relevant local/state codes and/or standards for correct system design.



SFFF Compatible

“SFFF Compatible” refers to this product as being part of a SFFF foam system that has been tested to recognized standards. Not all configurations are available. Please consult technical data and/or the approval/listing for usage requirements.

Viking 3% XMAX High-Expansion Foam Concentrate is manufactured by Fomtec™ for The Viking Corporation. The following approvals are in the name of the manufacturer: EN 1568 Part 1 / EN 1568 Part 2 / EN 1568 part 3, certified by CNPP for the TI2 high-expansion test standard.

Fomtec™ is a trademark of Dafo Fomtec AB.

5. TECHNICAL SPECIFICATIONS

| Parameter | Value |
|---|-------------------------|
| Appearance | Clear yellowish liquid |
| Specific gravity at 68 °F (20 °C) | 1.02 ± 0.01 g/ml |
| Viscosity at 68 °F (20 °C) | ≤ 50 mPas |
| pH | 6.5 — 8.5 |
| Freezing point | 21.2 °F (-6 °C) |
| Suspended sediment (v/v) | Less than 0.2% |
| Recommended storage temperature | 32 — 131 °F (0 — 55 °C) |
| Typical storage/shelf life | Up to 10 years* |
| *See more storage details in technical document F_110121. | |

6. ENVIRONMENTAL IMPACT

The concentrate contains no intentionally added fluorinated surfactants, polymers, or other organohalogens. The concentrate is biodegradable and contains **NO PFOS or PFOA**. For more information, refer to the concentrate’s Safety Data Sheet (SDS).

7. PROPORTIONING

For more details concerning proportioning components, refer to their UL Listing or the appropriate Viking technical documents.

8. INSPECTIONS, TESTS AND MAINTENANCE

The concentrate should be tested annually. Refer to respective requirements, according to the relevant inspection, testing, and maintenance standards. Where applicable, refer to the Authority Having Jurisdiction (AHJ) and/or FM Global Property Loss Prevention data sheets for specific criteria.


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9. ORDERING INFORMATION

| Part number | Volume | Packaging | Approximate Shipping Weight* | | Dimensions | | Sales Region |
|--|---|-----------|------------------------------|--------|--------------|--------------------|--------------|
| | | | Lbs. | Kg | Inches | mm | |
| F23508-6.5 | 6.5 US Gallons | Pail | 59 | 26.7 | 11 x 10 x 29 | 295 x 260 x 737 | Americas |
| F23508-55 | 55 US Gallons | Drum | 468 | 212.5 | 23 x 23 x 37 | 581 x 581 x 935 | Americas |
| F23508-265 | 265 US Gallons | IBC Tote | 2387** | 1085** | 47 x 39 x 45 | 1200 x 1000 x 1150 | Americas |
| V-LSXMAX3/25 | 25 liters | Pail | 59 | 26.7 | 11 x 10 x 17 | 295 x 260 x 441 | EMEA/APAC |
| V-LSXMAX3/200 | 200 liters | Drum | 468 | 212.5 | 23 x 23 x 37 | 581 x 581 x 935 | EMEA/APAC |
| V-LSXMAX3/1000 | 1000 liters | IBC Tote | 2387** | 1085** | 47 x 39 x 45 | 1200 x 1000 x 1150 | EMEA/APAC |
| BULK | Bulk tanker deliveries available by special request. Contact Viking for availability. | | | | | | |
| *Shipping weight and dimensions are approximate. | | | | | | | |
| **Weight does not include pallet. | | | | | | | |

10. CONTACT

The concentrate is available through Viking distributors only. Contact your local Viking sales office which can be found on our website:

Americas and Asia: www.vikinggroupinc.com/locations OR Europe, Middle East, Africa (EMEA): www.viking-emea.com/contact

Fomtec (Manufacturer)

Dafo Fomtec AB
Garnisonsgatan 47a
SE-254 66 Helsingborg, Sweden
Tel: (+46) 8 506 405 66
info@fomtec.com

Distributor US:

The Viking Corporation
5150 Beltway SE
Caledonia, MI 49316
Tel.: (800) 968-9501
Fax: 269-818-1680
Technical Services: 1-877-384-5464
techsvcs@vikingcorp.com

Distributor EMEA:

Viking S.A.
21, Z.I, Haneboesch
L-4562 Differdange / Niederkorn
Tel.: +352 58 37 37 - 1
Fax: +352 58 37 36
vikinglux@viking-emea.com

Asia Pacific (APAC):

The Viking Corporation (Far East) Pte. Ltd.
69 Tuas View Square
Westlink Techpark, Singapore 637621
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