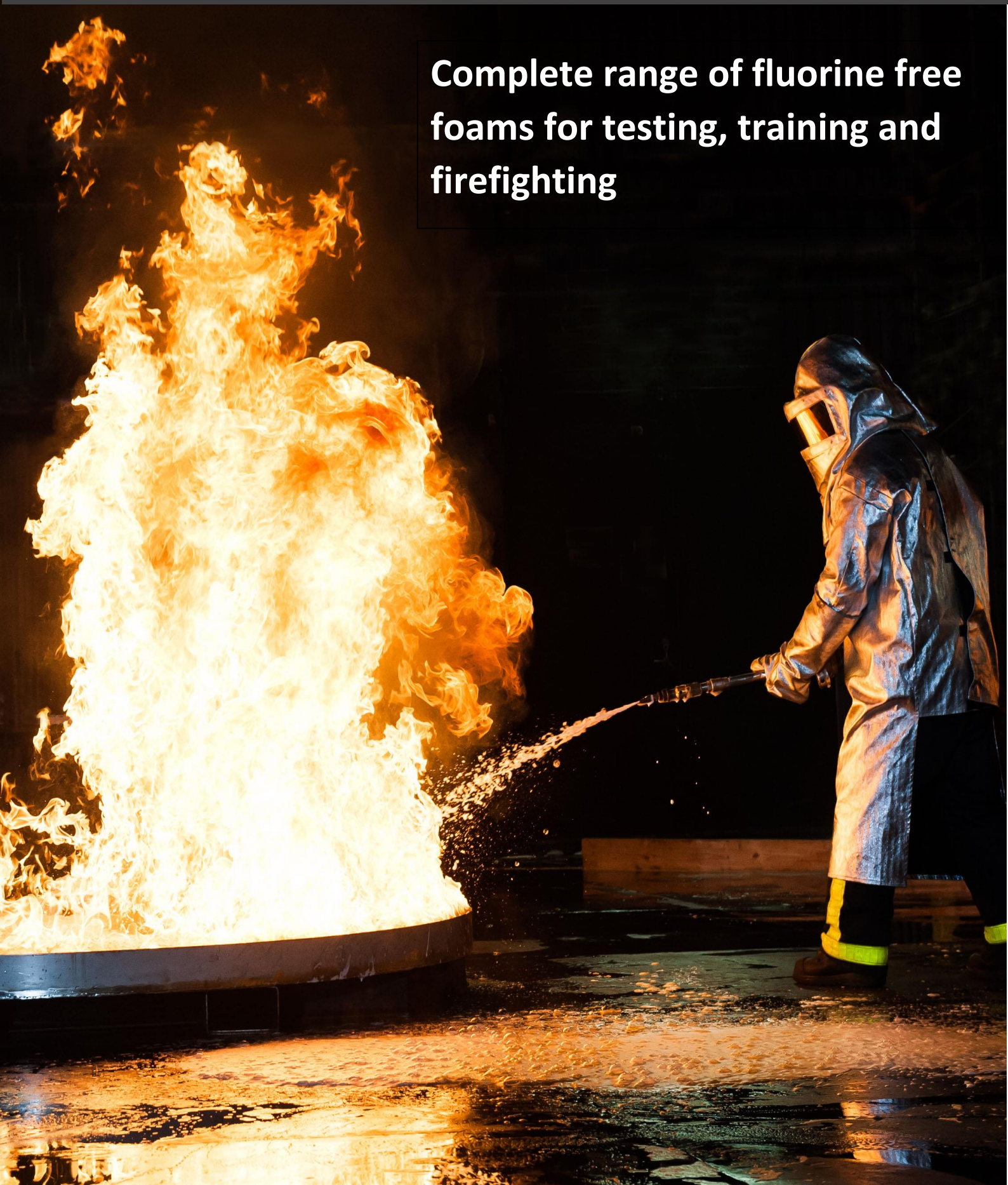
fire protection
TECHNOLOGIES

Complete range of fluorine free foams for testing, training and firefighting



Fomtec® Enviro Class A

foam concentrate

Features

Approved by United States Department of Agriculture (USDA) Forest Service and QPL (qualified products List) listed

Independently tested for toxicity on mammals, fish and algae

100% biodegradable

Usage 0.1-1%

Description

Fomtec Enviro Class A is a specially selected blend of high activity hydrocarbon surfactants, selected for their environmental profile, solvents and stabilizers for use on class A fuel fires and smaller class B fires. Enviro Class A does not contain any hazardous substances and does not require any special labelling when transported.

Application

Enviro Class A provides excellent extinguishments of class A fires by providing deep penetration of the water into the burning material. At low concentrations it is also highly effective as a wetting agent. Enviro Class A is also effective on smaller class B fires. Enviro Class A can be used with both aspirating and non-aspirating discharge devices. It is compatible with all dry chemical powders.

Enviro Class A can be used in:

- Fire extinguishers
- Handline Branchpipes and Nozzles
- Helicopter Buckets
- Foam systems
- CAFS systems

Recommended Proportioning Ratio

- Helicopter Bucket 0.3% - 0.5%
- Aspirating nozzle 0.3% - 0.5%
- Non-aspirating nozzle 0.3% - 0.6%
- Compressed air foam system (CAFS) 0.1% -0.5%
- Aspirated foam on small class B fires 1%-3%

The % may vary depending on the quality of the foam blanket required.

Fire Performance & Foaming

Enviro Class A has been designed to be applied as a Wetting Agent as well as a Class A fire extinguishing agent and can be effective if proportioned from 0,1% to 1,0% according to requirements. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7:1, average ¼ drainage time 02:00 minutes using UNI 86 test nozzle.

Compatibility

Contact one of the Fomtec sales team with questions.

Environmental impact

Enviro Class A is non-hazardous, biodegradable substance totally free from fluorinated surfactants. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.

Full details will be found in the Material Safety Datasheet (MSDS).

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,02 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
pH	6,5 – 8,5
Freezing point	-4°C
Recommended storage temperature	-4 - 55°C
Surface tension	≤ 25,0 dynes/cm

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	11-1050-01
200 litres	Drum	11-1050-02
1000 litres	Container	11-1050-04
Bulk	Special request	

Approvals:

Qualified Products Listed (QPL) by US Forest Service in accordance to Forest Service Specification 5100-307a
Tested by UL to the ASTM E1321 – Lateral Ignition & Flame Spread Apparatus Testing (LIFT TEST)
Conforms to NFPA 18 and NFPA 1150

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® MB -20

foam concentrate

Features

- Fluorine free
- 100 % biodegradable
- Freeze temperature -21°C
- Excellent burnback resistance
- Approved: low, medium, high expansion foam

Description

Fomtec MB -20 is a blend of high activity, synthetic, fatty alcohol sulphates, solvents and stabilisers. Fomtec MB -20 mixed with water and converted into finished foam via low, medium or high expansion foam making equipment combats fires by engulfing the area, restricting the supply of oxygen, cooling of the liquid surface, and the suppression of flammable gases evaporating from the hot liquid surface.
Used as high expansion in complete filling of enclosed rooms the foam creates an inert atmosphere. Fomtec MB-20 should be used between 2% and 6% concentration in fresh or sea water if medium or high expansion foams are required depending on equipment used.

Application

Fomtec MB -20 is a multi purpose foam which can be used at low, medium and high expansions for the extinguishment of class B hydrocarbon fires such as small fuel spills (low & medium expansion), protection of bunding areas (medium expansion), and it can also be used for the control and extinction of cryogenic flammable liquid fires or vapour release from toxic spillage.

At medium and high expansion, Fomtec MB -20 can be used for total flooding of fires involving class A and class B materials. Medium expansion type is particularly suitable for small areas such as cellars and basements of buildings and high expansion type for large areas such as ship cargo or engine rooms. It is especially suitable for dealing with fires in inaccessible locations and where damage must be kept to a minimum.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 9:1, average 1/4 drainage time 03:30 minutes using UNI 86 test nozzle.

Proportioning

Fomtec MB -20 can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles
- High expansion foam generators

The equipment should be designed to the foam type.

Environmental impact

Fomtec MB -20 is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec MB -20 is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.
Full details will be found in the Safety Datasheet (SDS).

Technical data

	yellowish liquid

Compatibility

Contact one of the Fomtec sales team with questions.

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	11-3010-01
200 litres	Drum	11-3010-02
1000 litres	Container	11-3010-04
Bulk	Special request	

International Approvals

- EN 1568 Part 1, 2, 3

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® LS xMax

Features

New Generation of High Performing Multipurpose Foam
Approved & Tested: Low, Medium, High Expansion Foam
Certificates: EN 1568-1, 2, 3, Superior Fire Performance
Fluorine Free & Biodegradable
Usage: Hydrocarbon Fires

Description

Fomtec LS xMax is a new generation of high performing, multi-purpose foam concentrate. It is consisting of hydro-carbon surfactants blended with various solvents, preservatives and stabilizers. Fomtec LS xMax is free from fluorine surfactants. Fomtec LS xMax have been designed to be used as high expansion, medium expansion and low expansion foam systems.

Application

Fomtec LS xMax is intended for use on both class B hydrocarbon fuels such as oil, diesel, gasoline and aviation fuels. Fomtec LS xMax can be used with all kinds on low, medium and high expansion devices. It is intended to be used as 3% concentrate.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average low expansion 9:1, average ¼ drainage time 11:00 minutes using UNI 86 test nozzle. Has been fire tested against EN 1568-1, -2, and -3. The fire performance have been tested and approved by independent laboratory.

Proportioning

Fomtec LS xMax can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,02 +/- 0.01 g/ml
Viscosity at 20°C	≤ 50 mPas
pH	6,5 – 8,5
Freezing point	-6°C
Recommended storage temperature	-6 – 55°C
Suspended sediment (v/v)	Less than 0,2%

Environmental impact

Fomtec LS xMax is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec LS xMax is biodegradable. The handling of spills of concentrate or foam solution should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect. This product contains NO PFOS NOR PFOA. Fomtec LS xMax is formulated without the use of fluorinated surfactants. Full details will be found in the Material Safety Datasheet (MSDS).

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	11-3500-01
200 litres	Drum	11-3500-02
1000 litres	Container	11-3500-04
Bulk	Special request	

International Approvals

Tested and issued by MPA Dresden, Germany

- EN 1568 part 1, part 2, and part 3

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® Enviro 3% ICAO

foam concentrate

Features

Fluorine Free Foam

Bio Degradable

Approved ICAO Level B

Excellent Firefighting Capabilities

Description

Fomtec Enviro 3% ICAO is a synthetic firefighting foam totally free from fluorinated surfactants and polymers.

The foaming characteristics of Fomtec Enviro 3% ICAO allows the foam to fast spread across the burning liquid and get control of the fire. As a result, it is effective against hydrocarbon fires and with the presence of special polymers it is also effective against polar solvents.

Fomtec Enviro 3% ICAO should be used at 3% proportioned solution on hydrocarbon liquids.

Application

Fomtec Enviro 3% ICAO is intended for use on class B hydrocarbon fuels, and has specifically been tested against ICAO level B standard for use in airport firefighting. Fomtec Enviro 3% ICAO can be used as low and medium expansion foam.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7:1, average ¼ drainage time 25:00 minutes using UNI 86 test nozzle.

Proportioning

Fomtec Enviro 3% ICAO can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,00 - 1.02 g/ml
Viscosity at 20°C	≤ 2000 mPas
pH	6,5 -8,5
Freezing point	0°C
Recommended storage temperature	0 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≤ 27,0 dynes/cm

Environmental impact

Fomtec Enviro 3% ICAO is formulated using raw materials specially selected for their fire performance and their Environmental profile. Fomtec Enviro 3% ICAO is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.

Full details will be found in the Material Safety Datasheet (MSDS).

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.

Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	12-33xx-xx
200 litres	Drum	12-33xx-xx
1000 litres	Container	12-33xx-xx
Bulk	Special request	

International Approvals

- ICAO level B

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® Enviro 3x3 Plus

foam concentrate

Features

Fluorine free foam

Excellent Acetone and IPA fire performance

Description

Fomtec Enviro 3x3 Plus is a multi-purpose alcohol resistant fire fighting foam totally free from fluorinated surfactants and polymers.

The foaming characteristics of Fomtec Enviro 3x3 Plus allows the foam to fast spread across the burning liquid and get control of the fire. Fomtec Enviro 3x3 Plus has been designed to work effectively on both hydrocarbon and polar fires.

When applied on polar solvents a polymeric membrane is formed and makes it possible for the foam blanket to extinguish effectively. It also works on severe foam destroying liquids such as MTBE.

Fomtec Enviro 3x3 Plus should be used at 3% proportioned solution both on hydrocarbon liquids and polar solvents. When used with sea water the fire performance is reduced.

Application

Fomtec Enviro 3x3 Plus is intended for use on class B hydrocarbon fuels as well as polar solvents like isopropyl alcohol, methanol, ethanol, acetone etc. Fomtec Enviro 3x3 Plus can be used as low and medium expansion foam.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7:1, average ¼ drainage time 18:30 minutes using UNI 86 test nozzle.

Proportioning

Fomtec Enviro 3x3 Plus can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,035 +/- 0.01 g/ml
Viscosity at 20°C	≤ 3000 mPas
pH	6,5 – 8,5
Freezing point	-5°C
Recommended storage temperature	-5 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≤ 29,0 dynes/cm

Environmental impact

Fomtec Enviro 3x3 Plus is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec Enviro 3x3 Plus is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.

Full details will be found in the Material Safety Datasheet (MSDS).

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	12-3350-01
200 litres	Drum	12-3350-02
1000 litres	Container	12-3350-04
Bulk	Special request	

International Approvals

- EN 1568, part 1, 3 and 4

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® Enviro 3x6 Plus

foam concentrate

Features

Fluorine free foam

Excellent Acetone and IPA fire performance

Description

Fomtec Enviro 3x6 Plus is a multi-purpose alcohol resistant fire fighting foam totally free from fluorinated surfactants and polymers.

The foaming characteristics of Fomtec Enviro 3x6 Plus allows the foam to fast spread across the burning liquid and get control of the fire. Fomtec Enviro 3x6 Plus has been designed to work effectively on both hydrocarbon and polar fires.

When applied on polar solvents a polymeric membrane is formed and makes it possible for the foam blanket to extinguish effectively. It also works on severe foam destroying liquids such as MTBE.

Fomtec Enviro 3x6 Plus should be used at 3% proportioned solution on hydrocarbon liquids and 6% on polar solvents. When used with sea water the fire performance is reduced.

Application

Fomtec Enviro 3x6 Plus is intended for use on class B hydrocarbon fuels as well as polar solvents like isopropyl alcohol, methanol, ethanol, acetone etc. Fomtec Enviro 3x6 Plus can be used as low and medium expansion foam.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7:1, average ¼ drainage time 18:30 minutes using UNI 86 test nozzle.

Proportioning

Fomtec Enviro 3x6 Plus can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,035 +/- 0.01 g/ml
Viscosity at 20°C	≤ 3000 mPas
pH	6,5 – 8,5
Freezing point	-5°C
Recommended storage temperature	-5 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≤ 29,0 dynes/cm

Environmental impact

Fomtec Enviro 3x6 Plus is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec Enviro 3x6 Plus is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.

Full details will be found in the Material Safety Datasheet (MSDS).

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.

Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	12-3650-01
200 litres	Drum	12-3650-02
1000 litres	Container	12-3650-04
Bulk	Special request	

International Approvals

- EN 1568, part 1, 3 and 4

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® Enviro 6x6 Plus

foam concentrate

Features

Fluorine free foam

Excellent Acetone and IPA fire performance

Description

Fomtec Enviro 6x6 Plus is a multi-purpose alcohol resistant fire fighting foam totally free from fluorinated surfactants and polymers.

The foaming characteristics of Fomtec Enviro 6x6 Plus allows the foam to fast spread across the burning liquid and get control of the fire. Fomtec Enviro 6x6 Plus has been designed to work effectively on both hydrocarbon and polar fires.

When applied on polar solvents a polymeric membrane is formed and makes it possible for the foam blanket to extinguish effectively. It also works on severe foam destroying liquids such as MTBE.

Fomtec Enviro 6x6 Plus should be used at 6% proportioned solution both on hydrocarbon liquids and polar solvents. When used with sea water the fire performance is reduced.

Application

Fomtec Enviro 6x6 Plus is intended for use on class B hydrocarbon fuels as well as polar solvents like isopropyl alcohol, methanol, ethanol, acetone etc. Fomtec Enviro 6x6 Plus can be used as low and medium expansion foam.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7:1, average ¼ drainage time 18:30 minutes using UNI 86 test nozzle.

Proportioning

Fomtec Enviro 6x6 Plus can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,035 +/- 0.01 g/ml
Viscosity at 20°C	≤ 3000 mPas
pH	6,5 – 8,5
Freezing point	-5°C
Recommended storage temperature	-5 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	~ 29,0 dynes/cm

Environmental impact

Fomtec Enviro 6x6 Plus is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec Enviro 6x6 Plus is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.

Full details will be found in the Material Safety Datasheet (MSDS).

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	12-6605-01
200 litres	Drum	12-6605-02
1000 litres	Container	12-6605-04
Bulk	Special request	

International Approvals

- EN 1568, part 1, 3 and 4

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® Enviro 3x3 Ultra

foam concentrate

Features

Fluorine free foam

Excellent fire performance on Heptane, Acetone and IPA with both potable and sea water

Description

Fomtec Enviro 3x3 Ultra is a multi-purpose alcohol resistant fire fighting foam totally free from fluorinated surfactants and polymers.

The foaming characteristics of Fomtec Enviro 3x3 Ultra allows the foam to fast spread across the burning liquid and get control of the fire. Fomtec Enviro 3x3 Ultra has been designed to work effectively on both hydrocarbon and polar fires.

When applied on polar solvents a strong polymeric membrane is formed and makes it possible for the foam blanket to extinguish effectively. It also works on severe foam destroying liquids such as MTBE.

Fomtec Enviro 3x3 Ultra should be used at 3% proportioned solution both on hydrocarbon liquids and polar solvents. When used with sea water the fire performance is reduced.

Application

Fomtec Enviro 3x3 Ultra is intended for use on class B hydrocarbon fuels as well as polar solvents like isopropyl alcohol, methanol, ethanol, acetone etc. Fomtec Enviro 3x3 Ultra can be used as low and medium expansion foam.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7:1, average ¼ drainage time 14:00 minutes using UNI 86 test nozzle.

Proportioning

Fomtec Enviro 3x3 Ultra can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,035 +/- 0.01 g/ml
Viscosity at 20°C	≤ 4500 mPas
pH	6,5 – 8,5
Freezing point	-12°C
Recommended storage temperature	-12 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≤ 28,0 dynes/cm

Environmental impact

Fomtec Enviro 3x3 Ultra is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec Enviro 3x3 Ultra is biodegradable. The product is fully documented to the HOCNF regulations. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.

Full details will be found in the Material Safety Datasheet (MSDS).

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	12-3355-01
200 litres	Drum	12-3355-02
1000 litres	Container	12-3355-04
Bulk	Special request	

International Approvals

- EN 1568, part 3 and 4

Revised: 26.10.2017

Fire Protection Technologies
Unit 1/251 Ferntree Gully Road, Mt Waverley, Victoria, 3149 PH: 1300 742 296
www.fire-protection.com.au

Fomtec® Enviro USP

foam concentrate

Features

New Generation Fluorine Free Foam

All In One Foam: Made for any type of foam discharge devise and sprinkler system on the market

For Class A & B Hydrocarbon Fires & Fully Biodegradable

Approved: As Low, Medium & High Expansion Foam

Induction: 0,5-1% Class A, 2% EN1568, 3% Sprinkler Fires

Superior Fire Performance: Rate 1A, EN 1568 Part 3

Description

Fomtec Enviro USP is a fluorine-free foam consisting of selected hydrocarbon surfactants, solvents and stabilizers to give optimal fire performance.

Fomtec Enviro USP is especially designed to be an effective fluorine-free alternative for sprinkler systems, type II and III discharge devices.

Fomtec Enviro USP should be used at 2% with fresh water for low, medium and high expansion discharge devices. For sprinkler systems it should be used in 3% proportioning. For use on class A type fires induction ratio of 0.5-1% is recommended depending on application and discharge device.

Application

Fomtec Enviro USP is intended for use on class B hydrocarbon fuel fires such as oil, diesel and aviation fuels as well as class A fires such as wood, paper, textiles etc.

Fomtec Enviro USP is especially suited whenever a fluorine-free alternative with high fire performance is requested. It is compatible with all dry chemical powders and can be used in powder/foam twin agent systems.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The design parameters depend on type of system and application. The use of the product should follow design guidelines. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7,5:1, average ¼ drainage time 25:00 minutes using UNI 86 test nozzle.

Proportioning

Fomtec Enviro USP can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Inline Balanced Pressure, proportioning systems (ILBP)
- Bladder tanks and ratio controllers
- Around the pump proportioning systems
- Water motor or turbine foam proportioners
- Self inducting branch pipes and nozzles

Compatibility

Contact one of the Fomtec sales team with questions.

Sprinkler application

Sprinkler applications are especially challenging for any foam due to the very low operating pressure and the very low expansion reached. Applying foam through a sprinkler is a very forceful application method and requires foam that can handle direct application and partial submersion into the fuel without losing its fire performance and burnback resistance. Foams that shall be regarded as suitable for Sprinkler applications shall also be able to withstand limited time of water deluge directly onto the foam blanket without losing its burnback properties. Fomtec Enviro USP has passed these tests showing superior extinguishing and burnback properties.

Technical data

Appearance	Clear to yellowish liquid
Specific gravity at 20°C	1,04 ± 0.01 g/ml
Viscosity at 25°C spindle #4, 60 rpm	1500 mPas
pH	6,5 to 8,5
Freezing point	-11°C
Recommended storage temperature	0 to 55°C
Suspended sediment (v/v)	Less than 0,2%

Environmental impact

Fomtec Enviro USP is formulated using specially selected raw materials, selected for their fire performance and their environmental profile. Fomtec Enviro USP is fully biodegradable and contain no fluorinated compounds.

The handling of spill of concentrate or foam solutions shall however be made according to local regulations. Normally sewage systems will have no problem with a 3% foam solution based on Fomtec Enviro USP, but local sewage operators should be consulted in this respect.
Full details will be found in the Material Safety Datasheet (MSDS).

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life of 10-20 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions.

Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

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Packaging

We supply this product in 25 litre and 5 US gallon cans, 200 litre and 55 US gallon drums, 1000 litre and 265 US gallon IBC containers and in bulk on special request.

International Approvals

- Underwriters Laboratories, UL 162, 7th Edition

Tested and issued by MPA Dresden, Germany

- EN 1568 Part 1, 2, 3 Rate: 1A

Inspection/Testing/ Maintenance

The foam concentrate should be tested annually. The testing should be made by a suitable laboratory for analysis of foam concentrates and should measure: pH, specific gravity, expansion, drainage time as per NFPA 11 annex D or Fomtec test procedure 1304, film formation test as per FM 5130 point 4.5 or Fomtec test procedure 1306, and viscosity as per FM 5130 Appendix J or Fomtec test procedure 1305.

Storage containers should be inspected and reevaluated for the suitability of the storage location in regards to temperature fluctuations (temperature should be as stable as possible). Exposure to direct sunlight should be avoided.

Volume per piece	Packaging	Part no	Approx. Shipping weight*	Dimensions (mm) L x W x H
25 ltr	Can	11-6000-01	26,7 kg	295 x 260 x441
200 ltr	Drum	11-6000-02	212,5 kg	581x 581 x 935
1000 ltr	Container	11-6000-04	1080 kg	1200 x1000 x1150
5 US gal.	Can		20,58 kg	295 x 260 x 441
55 US gal.	Drum		220,66 kg	581 x 581 x 935
265 US gal.	Container		1083,6 kg	1200 x1000 x1150
Bulk	Special request			

**including packaging*

Fomtec® P 3%

foam concentrate

Description

Fomtec P 3% is protein foam produced from a carefully controlled blend of hydrolised protein, foam boosters, stabilisers and preservatives. This ensures the production of stabilised fluid foam. Foam produced by foam making equipment is tough, stable, heat resistant and covers the burning hydrocarbon fuel surface rapidly. Once fire extinction has been achieved the high stability of the foam blanket ensures against the risk of re-ignition and provides excellent protection against 'burn-back' should any inaccessible pockets of fire remain.

Fomtec P 3% should be used as a 3% proportioned solution in fresh or sea water. The correct proportioning or mixture ratio is 3 parts of concentrate and 97 parts of water.

Application

Fomtec P 3% is intended for use on B class hydrocarbon fuel fires such as oil, petroleum and aviation fuels. Fomtec P 3% can be applied directly onto the fire surface.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7:1, average ¼ drainage time 04:15 minutes using UNI 86 test nozzle.

Proportioning

Fomtec P 3% can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Environmental impact

Fomtec P 3% is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec P 3% is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.
Full details will be found in the Material Safety Datasheet (MSDS).

Technical data

Appearance	Dark brownish liquid
Specific gravity at 20°C	1,14 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
pH	6,0 – 8,0
Freezing point	-16°C
Recommended storage temperature	-16 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≥ 45,0 dynes/cm

Compatibility

Contact one of the Fomtec sales team with questions.

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	13-3004-01
200 litres	Drum	13-3004-02
1000 litres	Container	13-3004-04
Bulk	Special request	

International Approvals

- UK Ministry Of Defence, DEF 42/40.
- EN1568 part 3
- IMO MSC.1 Circ 1312
- MED Wheelmarked

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Fomtec® P 6%

foam concentrate

Description

Fomtec P 6% is protein foam produced from a carefully controlled blend of hydrolised protein, foam boosters, stabilisers and preservatives. This ensures the production of stabilised fluid foam. Foam produced by foam making equipment is tough, stable, heat resistant and covers the burning hydrocarbon fuel surface rapidly. Once fire extinction has been achieved the high stability of the foam blanket ensures against the risk of re-ignition and provides excellent protection against 'burn-back' should any inaccessible pockets of fire remain.

Fomtec P 6% should be used as a 6% proportioned solution in fresh or sea water. The correct proportioning or mixture ratio is 6 parts of concentrate and 94 parts of water.

Application

Fomtec P 6% is intended for use on B class hydrocarbon fuel fires such as oil, petroleum and aviation fuels. Fomtec P 6% can be applied directly onto the fire surface.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7,5:1, average ¼ drainage time 06:00 minutes using UNI 86 test nozzle.

Proportioning

Fomtec P 6% can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Environmental impact

Fomtec P 6% is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec P 6% is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.
Full details will be found in the Material Safety Datasheet (MSDS).

Technical data

Appearance	Dark brownish liquid
Specific gravity at 20°C	1,13 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
pH	6,0 – 8,0
Freezing point	-16°C
Recommended storage temperature	-16 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≥ 45,0 dynes/cm

Compatibility

Contact one of the Fomtec sales team with questions.

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	13-6004-01
200 litres	Drum	13-6004-02
1000 litres	Container	13-6004-04
Bulk	Special request	

International Approvals

- UK Ministry Of Defence, DEF 42/40
- EN1568 part 3
- IMO MSC.1 Circ 1312
- MED Wheelmarked

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EnviroSenze 10

foam concentrate

Features

- Foam mimic concentrate
- Non-foaming
- Environmentally friendly
- Measure induction ratio

Description

EnviroSenze 10 is an environmentally friendly foam mimic concentrate with non-foaming properties. It is designed to be used when testing and commission foam systems. The foam mimic concentrate has been designed to have similar flow behaviour as traditional foam concentrate but has no foaming agents inside.

The foam mimic concentrate can also be used to determine induction ratio as measured by conductivity. The same foam mimic concentrate can be used for 1%, 3% and 6% systems. The lower detection limit is around 0,2% induction using ordinary tap water.

The viscosity of EnviroSenze 10 is set be around 10 mPas. This mimics a typical AFFF foam concentrate with low viscosity. The viscosity is approximate and can vary from batch to batch. Since viscosity also changes by temperature it is advisable to always measure the viscosity of the foam mimic solution before use.

Application

Use the foam mimic solution instead of an ordinary foam concentrate to set-up and trim a foam system to the right induction ratio. The foam mimic solution is non-foaming and, hence, easy to handle after use. The foam mimic solution is fully biodegradable.

The foam mimic solution can be used for 1% to 6% systems to check induction ratio by conductivity.

Technical data

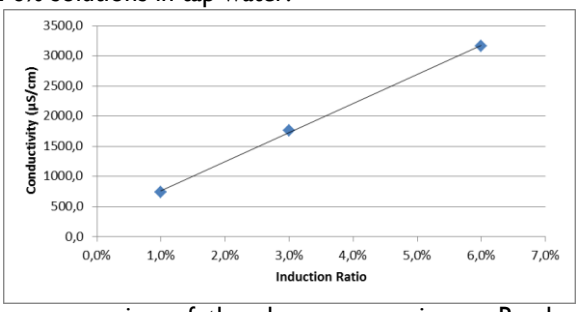
Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,03 +/- 0,01 g/ml
Viscosity at 20°C	≤ 10 mPas
pH	6,5 – 8,5
Freezing point	-0°C
Recommended storage temperature	-0 - 55°C
Suspended sediment (v/v)	Less than 0,2%

Compatibility

Contact one of the Fomtec sales team with questions.

Induction Ratio

The foam mimic solution can be used to measure induction ratio over a wide range of mixing ratios. The figure below shows the conductivity and a calibration curve for 1%, 3% and 6% solutions in tap water.



Linear regression of the above curve gives a R-value of 0,9995 which is almost identical to a straight line for which the R-value is 1,000. If the linear regression gives a R-value below 0,9800 it is advisable to do new calibration solutions. The lower mixing ratio limit in this case is about 0,2%. By using brackish or sea water the resolution will decrease. This has to be checked from case to case. By measuring the conductivity of premix solution coming out from a system when released the induction ratio can be calculated by using the above calibration curve. The good R-value will give good precision in the measurement.

Disposal of premix solution

EnviroSenze 10 has been designed with ingredients suitable for discharge in sewers and drains as a premix from a system testing. The disposal in sewers and drains need to be checked with local authorities to obtain a permission for this before it is done. A special MSDS is available for a 6% premix solution of EnviroSenze 10 to present for authorities that represents a worst case scenario of the premix solution.

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life, at least 2 years in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.

We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	14-9001-01
200 litres	Drum	14-9001-02
1000 litres	Container	14-9001-04
Bulk	Special request	

Revised: 26.10.2017

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EnviroSenze 800

foam concentrate

Features

- Foam mimic concentrate
- Non-foaming
- Environmentally friendly
- Measure induction ratio

Description

EnviroSenze 800 is an environmen-tally friendly foam mimic concentrate with non-foaming properties. It is designed to be used when testing and commission foam systems. The foam mimic concentrate has been designed to have similar flow behaviour as traditional foam concentrate but has no foaming agents inside.

The foam mimic concentrate can also be used to determine induction ratio as measured by conductivity. The same foam mimic concentrate can be used for 1%, 3% and 6% systems. The lower detection limit is around 0,2% induction using ordinary tap water.

The viscosity of EnviroSenze 800 is set be around 800 mPas. This mimics an alcohol resistant foam concentrate in the lower viscosity range. The viscosity will not be exactly 800 mPas, but rather around this value. The viscosity can vary from batch to batch between 700 and 900 mPas. Since viscosity also changes by temperature it is advisable to always measure the viscosity of the foam mimic solution before use.

Application

Use the foam mimic concentrate instead of ordinary foam concentrate to set-up and trim a foam system to the right induction ratio. The foam mimic solution is non-foaming and, hence, easy to handle after use. The foam mimic solution is fully biodegradable.

The foam mimic solution can be used for 1% to 6% systems to check induction ratio by conductivity.

Technical data

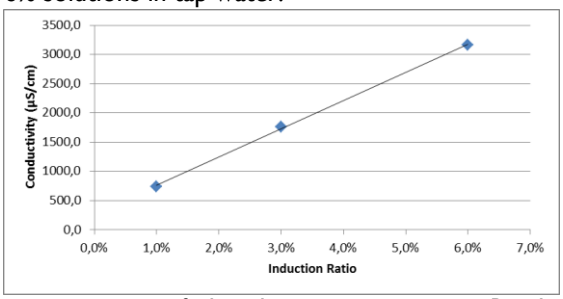
Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,04 +/- 0,01 g/ml
Viscosity at 20°C	≤ 800 mPas
pH	6,5 – 8,5
Freezing point	-0°C
Recommended storage temperature	-0 - 55°C
Suspended sediment (v/v)	Less than 0,2%

Compatibility

Contact one of the Fomtec sales team with questions.

Induction Ratio

The foam mimic solution can be used to measure induction ratio over a wide range of mixing ratios. The figure below shows the conductivity and a calibration curve for 1%, 3% and 6% solutions in tap water.



Linear regression of the above curve gives a R-value of 0,9995 which is almost identical to a straight line for which the R-value is 1,000. If the linear regression gives a R-value below 0,9800 it is advisable to do new calibration solutions. The lower mixing ratio limit in this case is about 0,2%. By using brackish or sea water the resolution will decrease. This has to be checked from case to case.
By measuring the conductivity of premix solution coming out from a system when released the induction ratio can be calculated by using the above calibration curve. The good R-value will give good precision in the measurement.

Disposal of premix solution

EnviroSenze 800 has been designed with ingredients suitable for discharge in sewers and drains as a premix from a system testing. The disposal in sewers and drains need to be checked with local authorities to obtain a permission for this before it is done. A special MSDS is available for a 6% premix solution of EnviroSenze 800 to present for authorities that represents a worst case scenario of the premix solution.

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life, at least 2 years in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.

We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	14-9002-01
200 litres	Drum	14-9002-02
1000 litres	Container	14-9002-04
Bulk	Special request	

Revised: 26.10.2017

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EnviroSenze 2500

foam concentrate

Features

- Foam mimic concentrate
- Non-foaming
- Environmentally friendly
- Measure induction ratio

Description

EnviroSenze 2500 is an environment-tally friendly foam mimic concentrate with non-foaming properties. It is designed to be used when testing and commission foam systems. The foam mimic concentrate has been designed to have similar flow behaviour as traditional foam concentrate but has no foaming agents inside.

The foam mimic concentrate can also be used to determine induction ratio as measured by conductivity. The same foam mimic concentrate can be used for 1%, 3% and 6% systems. The lower detection limit is around 0,2% induction using ordinary tap water.

The viscosity of EnviroSenze 2500 is set be around 2500 mPas. This mimics an alcohol resistant foam concentrate in the lower viscosity range. The viscosity will not be exactly 2500 mPas, but rather around this value. The viscosity can vary from batch to batch between 1500 and 3000 mPas. Since viscosity also changes by temperature it is advisable to always measure the viscosity of the foam mimic solution before use.

Application

Use the foam mimic concentrate instead of ordinary foam concentrate to set-up and trim a foam system to the right induction ratio. The foam mimic solution is non-foaming and, hence, easy to handle after use. The foam mimic solution is fully biodegradable.

The foam mimic solution can be used for 1% to 6% systems to check induction ratio by conductivity.

Technical data

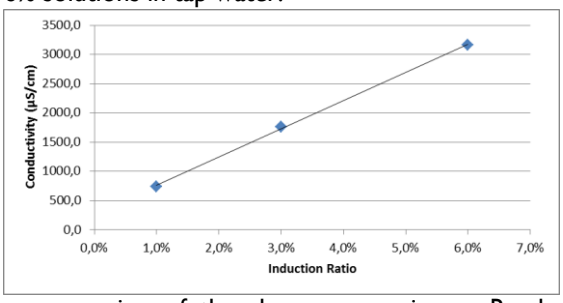
Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,04 +/- 0,01 g/ml
Viscosity at 20°C	≤ 2500 mPas
pH	6,5 – 8,5
Freezing point	-0°C
Recommended storage temperature	-0 - 55°C
Suspended sediment (v/v)	Less than 0,2%

Compatibility

Contact one of the Fomtec sales team with questions.

Induction Ratio

The foam mimic solution can be used to measure induction ratio over a wide range of mixing ratios. The figure below shows the conductivity and a calibration curve for 1%, 3% and 6% solutions in tap water.



Linear regression of the above curve gives a R-value of 0,9995 which is almost identical to a straight line for which the R-value is 1,000. If the linear regression gives a R-value below 0,9800 it is advisable to do new calibration solutions. The lower mixing ratio limit in this case is about 0,2%. By using brackish or sea water the resolution will decrease. This has to be checked from case to case.
By measuring the conductivity of premix solution coming out from a system when released the induction ratio can be calculated by using the above calibration curve. The good R-value will give good precision in the measurement.

Disposal of premix solution

EnviroSenze 2500 has been designed with ingredients suitable for discharge in sewers and drains as a premix from a system testing. The disposal in sewers and drains need to be checked with local authorities to obtain a permission for this before it is done. A special MSDS is available for a 6% premix solution of EnviroSenze 2500 to present for authorities that represents a worst case scenario of the premix solution.

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life, at least 2 years in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.

We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	14-9003-01
200 litres	Drum	14-9003-02
1000 litres	Container	14-9003-04
Bulk	Special request	

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