

CERTIFICATE OF COMPLIANCE

Certificate Number 2019-08-22-EX27073
Report Reference EX6625-2004-08-04
Issue Date 2019-08-22

Issued to: INDUSTRIAS QUIMICAS DEM S.A.
Ruta 9 KM 79
Campana, Buenos Aires, 2804
Argentina

This is to certify that Foam Liquid Concentrates
representative samples of See addendum below for models

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 162, Foam Equipment and Liquid Concentrates
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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DEMSEA GOLD 1% AFFF, nominal 1 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

DEMSEA GOLD 3% AFFF, nominal 3 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

DEMSEA GOLD 6% AFFF, nominal 6 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

DEMSEA GOLD 35 F 3% x 3% AR-AFFF, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

DEMSEA GOLD 0 F 3% x 3% AR-AFFF, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, 0 F minimum storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

DEMSEA GOLD AFFF 3% 0°F, nominal 3 percent Aqueous Film Forming Foam, 0°F minimum storage and use temperature. Hydrocarbon fuels only.

Foam concentrates for use with the following equipment.

DEMSEA GOLD 1% AFFF, 1 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Viking, Model FE-90, 1-1/2 in. size, using a 0.110 in. orifice, inlet pressure of 200 psi with 50 ft of 1-1/2 in. hose between the inductor and National Foam Inc. Model JS-10 nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
National Foam Inc., Model JS-10	1-1/2	70

DEMSEA GOLD 3% AFFF, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Viking, Model FE-90, 1-1/2 in. size, using a 0.208 in. orifice, inlet pressure of 200 psi with 50 ft of 1-1/2 in. hose between the inductor and National Foam Inc. Model JS-10 nozzle.



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NOZZLES

Description	Size In.	Inlet Pressure psi
National Foam Inc., Model JS-10	1-1/2	74

DEMSEA GOLD 6% AFFF, 6 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Viking, Model FE-90, 1-1/2 in. size, using a 0.342 in. orifice, inlet pressure of 200 psi with 50 ft of 1-1/2 in. hose between the inductor and National Foam Inc. Model JS-10 nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
National Foam Inc., Model JS-10	1-1/2	78

DEMSEA GOLD 35F 3% x 3% AR-AFFF, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Viking, Model FE-90, 1-1/2 in. size, using a 0.228 in. orifice, inlet pressure of 200 psi with 50 ft of 1-1/2 in. hose between the inductor and National Foam Inc. Model JS-10 nozzle.

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Outlet Pressure psi
Viking, Model FE-90	1-1/2	0.228	200	105

NOZZLES

Description	Size In.	Inlet Pressure psi
National Foam Inc., Model JS-10	1-1/2	74

FIXED FOAM DISCHARGE OUTLETS



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Description	Fuel	Orifice Diam In.	Inlet Pressure psi
Ansul Inc., Model FLR-30	Alcohols	0.33	100

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.15

DEMSEA GOLD OF 3% x 3% AR-AFFF, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Viking, Model FE-90, 1-1/2 in. size, using a 0.228 in. orifice, inlet pressure of 200 psi with 50 ft of 1-1/2 in. hose between the inductor and National Foam Inc. Model JS-10 nozzle.

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Outlet Pressure psi
Viking, Model FE-90	1-1/2	0.228	200	104

NOZZLES

Description	Size In.	Inlet Pressure psi
National Foam Inc., Model JS-10	1-1/2	76

FIXED FOAM DISCHARGE OUTLETS

Description	Fuel	Orifice Diam In.	Inlet Pressure psi
Ansul Inc., Model FLR-30	Alcohols	0.33	100

Where:

Fuel	Min Application Rate GPM/Sq Ft



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Alc (Alcohols)	0.15
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DEMSA GOLD AFFF 3% 0°F, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Viking, Model FE-90, 1-1/2 in. size, using a 0.208 in. orifice, inlet pressure of 200 psi with 50 ft of 1-1/2 in. hose between the inductor and National Foam Inc. Model JS-10 nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
National Foam Inc., Model JS-10	1-1/2	76

For shipment in the following containers:

Container Size	Color and Type	Supplier
1000 Liter (IBC)	Natural HDPE (Bottle) White HDPE (Valve)	Schutz



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