

ORFOM[®] SX 18 Solvent Extraction Diluent

ORFOM[®] SX 18 is a petroleum distillate that is a lower density, highly effective diluent for use in the solvent extraction of metals. ORFOM[®] SX 18 has a moderate flash point, shows excellent phase disengagement properties, as well as rapid extraction kinetics. ORFOM[®] SX 80 is manufactured to close specifications to ensure product consistency. Our quality assurance program and dedicated storage assure consistent performance..

APPLICATION:	ORFOM [®] SX 18 diluent is a lighter, high-performance carrier for commercial solvent extraction processes.
BENEFITS:	ORFOM [®] SX 18 diluent is an excellent replacement for other commercial diluents. ORFOM [®] SX 18 diluent shows excellent phase disengagement properties, as well as rapid extraction kinetics.
AVAILABILITY:	ORFOM [®] SX 18 diluent is currently available in drum, tank truck, and tank car quantities.
MATERIAL HANDLING:	Refer to the Material Safety Data Sheet for complete safety and health information.

Typical Composition (1)	Value
Density (kg/l) at 60 °F (15.6 °C)	0.746
Pounds per Gallon	6.21
Flash Point	
Minimum TCC (ASTM D56), °F (°C)	103 (39)
Composition, Typical Volume %	
Iso-paraffins	> 99
Alkyl aromatics	< 1
Naphthenes	< 1
Napthalene	< 0.5
Color, Saybolt	> +30
Distillation, (ASTM D86), °F (°C)	
10%	323 (162)
50%, midpoint	331 (166)
90%	340 (171)
Pour Point (ASTM D97), °F (°C)	-50 (-46)
Reid Vapor Pressure, mm Hg @ 100 °f	6.18

(1) Not tested for or reported for individual lots. For informational purposes only.