



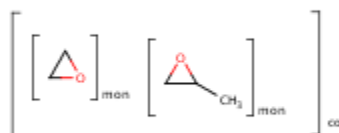
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Technical Data Sheet

Product name:	Poloxi-L64
Product Form:	Colorless liquid
Chemical name:	Ethylene oxide and propylene oxide block copolymer
Synonym:	OXIRANE, METHYL-, POLYMER WITH OXIRANE; Oxirane, methyl-, polymer with oxirane; Pluronic-L64; Polyethylene-polypropylene glycol Polymer; Poloxamer 184
CAS No:	9003-11-6
EINECS No:	618-355-0
Molecular formula:	HO(C ₂ H ₄ O) _n (C ₃ H ₆ O) _m (C ₂ H ₄ O) _n H
Molecular weight:	Average 2900
IUPAC name:	2-methyloxirane
Structure formula:	



Chemical Specification

Appearance:	Colorless liquid
Mol wt:	2900
Viscosity (Cps@25°C):	650
Cloud Point (°C):	57-61
pH:	5.0 – 7.0

Packing:

In 900kgs net IBC or 200kgs net plastic drum, 4drums on pallet shrunk and wrapped.

Loading Capacity per 20'FCL:

Packing IBC: 20IBCs/18mt

Packing Drum: 80drums/20pallets/16mt

Typical Physical properties:

Form:	liquid
Specific gravity @ 25°C:	1.05
Solubility in water @25°C:	>10%
Wetting, Draves Sink Time(seconds):	>360 (3-gm hook, 0.1% aqueous @25°C)

Characterization

Poloxi-L64 is a difunctional block copolymer surfactant terminating in primary hydroxyl groups. A nonionic surfactant that is 100% active and relatively nontoxic.

Shelf Life:

12months