BEROL LFG61 (CIP Cleaner)

BEROL LFG61 is an **optimized** low foaming blend of alkylglucoside and alcohol ethoxylate.

With the dedicated choice of surfactants used, it results in **BEROL LFG 61** having good wetting and defoaming properties on protein foam during high caustic situations. As such, it finds use in applications such as CIP, Machine dishwash and rinse aids.

1% BEROL LFG61 can solubilize in up to 40% NaOH.

BEROL LFG61 dosage will have to be increased should complexing agents such as Sodium phosphonates, Sodium gluconate, Na_3NTA, and Na_4EDTA be used in tandem with NaOH.

BEROL LFG61 can be used in weak/strong acid cleaning products where low foam is required.

Formulations for cleaning

Acidic Cleaners

4% Berol LFG61
20% Phosphoric/Hydrochloric or Citric Acid
Bal Water
Use – Concentrate to 1:100 dilution

High Alkaline Defoaming Formulations

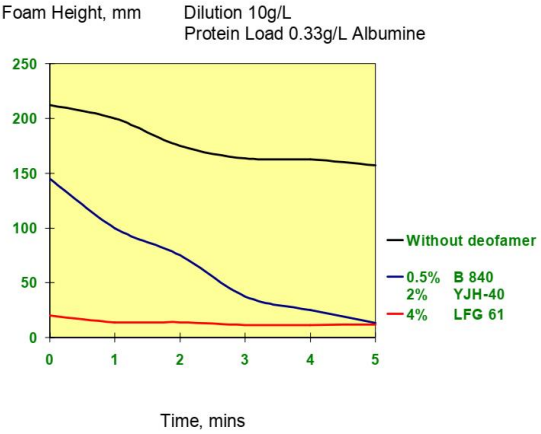
	A	B	C
Berol LFG61	≥ 2	≥ 3	≥ 4
NaOH	40	20	20
Na_3NTA (92%)			5
Sodium Gluconate	3	5	
Water	≤ 55	≤ 72	≤ 71

Dilutions : 10g/L for cleaning

Rinse Aids

10% Berol LFG61
10% Ethanol/IPA
10% Citric Acid
Bal Water

Defoaming on Protein Foam (Formulation C)



BEROL LFG61 gives very low foam compared to standard formulation made from low foaming surfactants

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9/28/2004