



# Reference Formula

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## Heavy Duty Liquid Laundry Detergent 重垢洗衣精

EP-HC-WM-0003A\_V1

### FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight
A	D.I Water	D.I Water	63.15%
B	<b>DCFAS-N (92%)(Stepan)</b>	<b>Sodium Coco Fatty Alcohol Sulfate</b>	<b>7.00%</b>
C	<b>S120-LP (96%)(Stepan)</b>	<b>Linear Alkylbenzene Sulfonic Acid</b>	<b>16.70%</b>
D	NaOH(85%)	Sodium hydroxide	2.00%
E	<b>Softi (Lothar Streeck)</b>	<b>Fragrance</b>	<b>0.25%</b>
F	<b>Ecosurf EH-9 (100%)(Dow Chemical)</b>	<b>Alcohol Ethoxylate</b>	<b>4.00%</b>
G	<b>Acsol 845 (Dow Chemical)</b>	<b>Acrylate polymer</b>	<b>4.00%</b>
H	Triethanolamine (99%)	Triethanolamine	2.80%
I	<b>Koralone HP (Dow Chemical)</b>	<b>Preservative</b>	<b>0.10%</b>

### PROCEDURE

1. Mix Phase A and D under stirring.
2. Then add Phase C and B under stirring / Adjust pH at 7.5-8.0.
3. Then add Phase E,F,G,H and I under stirring.

### SPECIFICATION

APPEARANCE	: Transparent Light Yellow Solution
VISCOSITY	: approx. 800 ± 100 CP (25°C)
pH	: approx. 7.50 ± 0.5 (25°C)

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**Recommendations contained, herein this Reference Formula, are advisory only.**

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