



Reference Formula

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Liquid Dish Washing Detergent 洗碗精

EP-HC-CL-0004A_V1

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight
A	D.I Water	D.I Water	74.00%
B	Acusol 445N(Dow)	Acrylic polymer	1.00%
C	DCFAS-N (92%)(Stepan)	Sodium Coco Fatty Alcohol Sulfate	12.00%
D	LO-A (30%)(Stepan)	Lauramine Oxide	6.00%
E	Ecosense 3000 (50%)(Dow)	Alkyl Polyglucoside	4.00%
F	Green Spirit (Lothar Streeck)	Fragrance	0.20%
G	GCC (Stepan) (100%)	Glyceryl Caprylate/Caprata	1.00%
H	Vitamin E Acetate (DSM)	Vitamin E Acetate	0.50%
I	Citric acid	Citric acid	0.20%
J	Sodium Chloride	Sodium Chloride	1.00%
K	Kathon CG	MIT/CMIT	0.10%

PROCEDURE

1. Mix Phase A and B under stirring.
2. Then add Phase C and D under stirring.
3. Add Phase I adjust pH to 7.0-8.0.
4. Mix Phase E and F,G,H under stirring then add into Phase A.
5. Add Phase J and K under stirring.

SPECIFICATION

APPEARANCE	: Transparent Light Yellow Solution
VISCOSITY	: approx. 1,500 ± 1,00 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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