## AJINOMOTO TECHNICAL NEWS

## **Transparent Color-change Lipstick**

A colorless transparent tint-type lipstick that imparts light pink color when applied to lip.

	(wt%)
A AJK-OD2046	25.00
B CI 45410 *1	0.08
C 50% Citirc Acid Solution in Water	0.10
D Hydrogenated Polyisobutene *2	50.82
Triisostearin *3	17.00
ELDEW PS-203	4.50
Cyclopentasiloxane *4	2.00
Dextrin Palmitate *5	0.50
E Preservative	q.s.
F Fragrance	q.s.
	100.00

1 Dissolve part A properly at 100 °C with stirring.

- 2 Add part B to part A at 100 °C, and mix with stirring.
- 3 Add part C to A+B at 100 °C, and mix with stirring.
- 4 Mix part D by heating at 107  $^{\circ}$ C and stirring.
- 5 Heat and stirr part D at 107 °C and gradually add a heated (107 °C) solution of part A+B+C to part D.
- 6 Mix E and F to A+B+C+ D by heating at 107 °C and stirring.
- 7 Pour the mixture into a vial and cool down to room temperature.
- \* 1 RED 218 Kishi Kasei Co. (Also supplied by Daito Kasei as DK D&C RED No.27)
- \* 2 PARLEAM 18 NOF
- \* 3 TISG Kokyu Alcohol Kogyo
- \* 4 SH245 Fluid Dow Corning
- \* 5 Rheopearl KL2 Chiba Flour Milling Co.

Stability; Almost no sweating at 40 °C and -5 °C to 25 °C temperature change

Note: Increase the amount of citric acid, if the lipstick is not colorless enough.

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