

**This formulation can be introduced to customers outside of Japan only. Please check the background sheet carefully. You can find the blank version of this slide in the next page for showing customers.**

## Foaming Hand Wash <Pump> KRI-1

A self-foaming hand wash containing **AMILITE® GCK-12K** as a co-surfactant. It gently washes hands with "fine" and "rich" foam.

	Trade name	INCI Name	wt %	Function
A	<b>AMILITE® GCK-12K (30%)</b>	Potassium Cocoyl Glycinate, Water	3.8	Foaming Surfactant
	NAA-122 *1	Lauric Acid	4.0	Foaming Surfactant
	NAA-142 *2	Myristic Acid	1.0	Foaming Surfactant
	Water	Water	Balance	
B	Propylene Glycol *3	Propylene Glycol	4.5	Humectant
	Sorbitol *4	Sorbitol	4.0	Humectant
	Ethanolamine	Ethanolamine	0.5	pH Adjuster
	EDTA-2Na	EDTA-2Na	0.1	Chelating Agent
C	Merquat 550PR (9.3%) *5	Polyquaternium-7, Water	2.1	Conditioning Agent
D	KOH(10%) *6	Potassium Hydroxide, Water	5.2	pH Adjuster
<b>Total</b>			<b>100.0</b>	

\*1 NOF, \*2 NOF, \*3 ADEKA, \*4 Kao, \*5 Lubrizol, \*6 The level of KOH is a rough guide

### <PROCEDURE>

1. Mix part A at 60°C with stirring until dissolved.
2. Add part B to part A in order at same temperature.
3. After cooling down to room temperature, add part C to part (A+B).
4. Add part D to adjust pH10.0 at room temperature, resulting in the final formulation.

### <PHYSICAL PROPERTIES and STABILITY>

Appearance: , Transparent

pH: 10.0

Viscosity: -

Stability: -5°C, 0°C, 25°C, 45°C, 6 Months

Note; The information is provided based upon our technical data and present knowledge. However, we make no warranties, expressed or implied, and assume no liabilities in connection with any use of the information with respect to specific property, safety and suitability for a specific application. It is also not guaranteed that use of the information does not fall within the scope of any intellectual property rights.

## Foaming Hand Wash <Pump> KRI-1

A self-foaming hand wash containing **AMILITE® GCK-12K** as a co-surfactant.  
It gently washes hands with "fine" and "rich" foam.

	Trade name	INCI Name	wt %	Function
A	<b>AMILITE® GCK-12K (30%)</b>	<b>Potassium Cocoyl Glycinate, Water</b>	3.8	Foaming Surfactant
	NAA-122 *1	Lauric Acid	4.0	Foaming Surfactant
	NAA-142 *2	Myristic Acid	1.0	Foaming Surfactant
	Water	Water	Balance	
B	Propylene Glycol *3	Propylene Glycol	4.5	Humectant
	Sorbitol *4	Sorbitol	4.0	Humectant
	Ethanolamine	Ethanolamine	0.5	pH Adjuster
	EDTA-2Na	EDTA-2Na	0.1	Chelating Agent
C	Merquat 550PR (9.3%) *5	Polyquaternium-7, Water	2.1	Conditioning Agent
D	KOH(10%) *6	Potassium Hydroxide, Water	5.2	pH Adjuster
<b>Total</b>			<b>100.0</b>	

\*1 NOF, \*2 NOF, \*3 ADEKA, \*4 Kao, \*5 Lubrizol, \*6 The level of KOH is a rough guide

### <PROCEDURE>

1. Mix part A at 60°C with stirring until dissolved.
2. Add part B to part A in order at same temperature.
3. After cooling down to room temperature, add part C to part (A+B).
4. Add part D to adjust pH10.0 at room temperature, resulting in the final formulation.

### <PHYSICAL PROPERTIES and STABILITY>

Appearance: , Transparent

pH: 10.0

Viscosity: -

Stability: -5°C, 0°C, 25°C, 45°C, 6 Months

Note; The information is provided based upon our technical data and present knowledge. However, we make no warranties, expressed or implied, and assume no liabilities in connection with any use of the information with respect to specific property, safety and suitability for a specific application. It is also not guaranteed that use of the information does not fall within the scope of any intellectual property rights.