



ALPACASA

## Technical Data Sheet

## AKYPO® GENE JOD F

### SURFACTANT FOR THE MANUFACTURING OF CLEANING AGENTS

- BASIC SURFACTANTS FOR THE PRODUCTION OF TEAT DIP CLEANER AND FOR THE USE IN THE FOOD INDUSTRY, IN HOSPITALS, BREWERIES AND DAIRIES
- HIGH FOAMING PROPERTIES
- VERY MILD SURFACTANT

### CHEMICAL IDENTIFICATION

**R-O-(CH<sub>2</sub>CH<sub>2</sub>O)-<sub>n</sub>CH<sub>2</sub>COOH**

**R = C<sub>12</sub>/C<sub>14</sub>**

INCI NAME :

LAURETH-11 CARBOXYLIC ACID

CAS NUMBER :

27306-90-7

**I<sub>2</sub>**

INCI NAME :

IODINE

CAS NUMBER :

7553-56-2

### TECHNICAL SPECIFICATION

pH – VALUE (1 % in Ethanol – 50%) :

1.5 – 3.5

FREE IODINE (%) :

min. 20.0

**Kao Method**

DGF H-III 1

C-2331



**TYPICAL PROPERTIES**

|                           |   |
|---------------------------|---|
| APPEARANCE (25°C) :       | BROWN LIQUID.                             |
| IONIC NATURE :            | ANIONIC / NONIONIC.                       |
| VISCOSITY (mPa s/20°C) :  | APPROX. 400                               |
| SPECIFIC GRAVITY (g/mL) : | APPROX. 1.26                              |
| SOLUBILITY :              | SOLUBLE WITH WATER, METHANOL AND ETHANOL. |

**PROCESSING**

PROCESS RECOMMENDATIONS ARE AVAILABLE UPON REQUEST.

ADVISED AMOUNT OF IODINE IN DIFFERENT APPLICATION FIELDS:

|                    |                                |
|--------------------|--------------------------------|
| FOOD INDUSTRY:     | 12.5 – 25 PPM I <sub>2</sub>   |
| DAIRY INDUSTRY:    | 12.5 – 17.5 PPM I <sub>2</sub> |
| BEVERAGE INDUSTRY: | 25 – 50 PPM I <sub>2</sub>     |
| HOSPITALS:         | 50 – 75 PPM I <sub>2</sub>     |

**STORAGE AND HANDLING**

- PRODUCT IS AVAILABLE PACKED IN DRUMS (210 KG) AND IN CONTAINERS (950 KG).
- RECOMMENDED STORAGE TEMPERATURE BETWEEN 5 AND 20 °C IN UNOPENED PACKAGING.

IT IS BASICALLY RECOMMENDED TO USE THE WHOLE CONTENT OF THE PACKAGING AT ONCE.

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