

SUNQAT-OM90

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| Chemical Name | Methyl-1-oleylamido ethyl-2-oleyl imimidazolinium methyl sulfate | Technical Data Sheet | |
| INCI Name | Quaternium-27 | Version No. | 2.2 |
| CAS No. | 86088-85-9 | Revised date | Jun. 27, 2012 |
| Appearance | Light yellowish liquid | CATIONICS | |

| Specification | | | |
|------------------|--------------|-------------------------------|--|
| <i>Item</i> | <i>Limit</i> | <i>Test Method</i> | |
| 1. Active(%) | 89 ~ 91 | | |
| 2. Free amine(%) | 1.0 Max | | |
| 3. Color | 5.0 Max | Gardner Method | |
| 4. pH | 5.0 ~ 7.0 | 5% in distilled water&IPA 5:5 | |

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| Characteristics & Application | Antistatic & softening agent for hair rinses, fabric softener, paper softening And asphalt emulsifiers. |
| Handling and storage | Protect from heat and direct sunlight, Store in cool and a well-ventilated place. Avoid overheating or freezing. The color and odor of SUNQAT series may be changed when exposed to high temperatures, particularly in the presence of air and moisture. |
| Packing Size | 200kg Net in Plastic drum |
| Material Safety Data Sheet | MSDS is available. |

SUNJIN CHEMICAL CO.,LTD.