**TECHNICAL DATA SHEET**

# PRODUCT DESCRIPTION

TEQFEEL AMD MA

Emulsion is a 35% cationic emulsion of an amine-functional silicone polymer. The amodimethicone actives are delivered in an opaque, low viscosity liquid with a neutral pH. It contains a non-tallow derived quaternary-amine surfactant and does not contain alkylphenol ethoxylate (APE) emulsifiers. This emulsion was developed as a conditioning additive for hair care products such as shampoos, conditioners, styling aids and hair colorants. This product provides easy formulation and good dilution stability.

**INCI Name :**   **Amodimethicone(and)Trideceth-12 (and)Cetimonium Chloride**

**APPLICATIONS**

* A very good conditioning additive especially when formulated into leave-on and styling products.
* Can be used to formulate other types of products such as perms and colorants.
* Conditioning agent

**SPECIFICATION**

# FEATURES

* Easy to formulate into hair treatment products
* Dilutable in water

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| --- | --- | --- |
| **PARAMETERS** | **VALUE** | **TEST METHODS** |
| Color | Milky white | KL-001 |
| Physical form | Water-thin liquid | KL-002 |
| Silicone content | 35 | KL-003 |
| Viscosity at 25°C (77°F) | 5 | KL-004 |
| Emulsifier type | Cationic | KL-005 |
| pH | 7,5 | KL-006 |
| Suitable diluent | Water | KL-007 |

**BENEFITS**

* Reduced combing time on wet hair
* Does not give a heavy effect on dried hair

**COMPATIBILITY**

* Emulsion can be formulated into systems containing different types of surfactants: anionic, cationic and non-ionic.

**HOW TO USE**

* To optimize the dispersion of Emulsion into the final formulation, it is recommended to add it slowly at the end of the procedure at a temperature below 40°C (104°F) with continuous mixing or stirring. Recommended use levels for conditioners is 5% and styling products 0.5 to 5.0%.

**LIMITATIONS**

* This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection. Not intended for food use.

**PRODUCT SAFETY INFORMATION**

* PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

**STORAGE**

* Product should be stored at or below 32°C (89.6°F) in original, unopened containers.
* This product is susceptible to microbial contamination. Please use appropriate storage and handling procedures to prevent contamination.

DISCLAIM

Kale Kimya AS is part of Kale Kimya Group. Those presented in this document, our research so far, our experience and knowledge within the information provided is accurate. In case of changes in operating conditions and methods of application, any information given in this document can not be considered as guarantees and preliminary tests are recommended. For more information, our laboratory will provide support services.

**KALE KİMYA KİMYEVİ MADDELER SANAYİ VE TİCARET A.Ş**

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