



## ADEKA NOL GE-RF & ADEKA NOL GE-108 PRESERVATIVE BOOSTERS



## ADEKA – WHO WE ARE

**ADEKA** Corporation is a Japanese chemical company with more than a century of experience in the cosmetics and detergents market, having nowadays more than 12 offices, 4 R&D and 15 production sites worldwide.

**ADEKA** is a global company with polymer additives business organizations in Japan, Korea, Taiwan, Thailand, Singapore, China, India, USA and Europe. With global R&D centers, responsive sales and logistics organizations and a worldwide distribution network, ADEKA offers a broad portfolio of products to customers worldwide.

**ADEKA** has been present in the surfactants market in Europe for more than 20 years now. In 1999, ADEKA centralized their European sales activities in a new head office, ADEKA Europe GmbH, in Düsseldorf, Germany.

**ADEKA** has a dedicated Research & Development group equipped with latest technology and modern facilities for testing and evaluation of additives performances, which help to provide innovative solutions to the market.



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### Our Distributors

As a global chemical manufacturing company, ADEKA has established an effective global distribution network, utilizing qualified distributors and serving all targeted markets around the world. The company is fully dedicated to serving our small customers, and the distribution strategy is structured by geographic region.



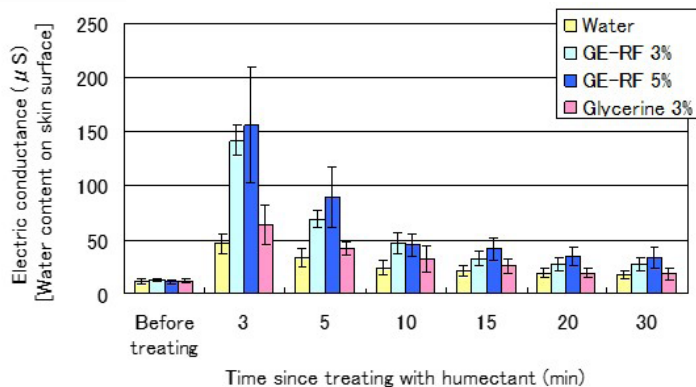
# ADEKA NOL GE-RF & ADEKA NOL GE-108

INCI: ETHYLHEXYLGLYCERIN

Ethylhexylglycerin is a frequently used multifunctional additive. Beside its deodorant efficacy, it is an excellent booster of many traditional preservatives and other antimicrobial substances. ADEKA proposes two different grades without any additional antioxidants: ADEKA NOL GE- RF with 99% purity and ADEKA NOL GE-108 with 98% purity.

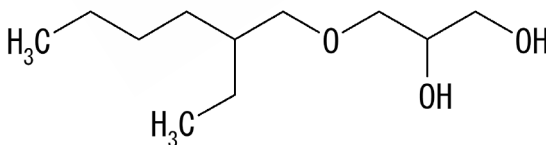
## MOISTURIZING PROPERTY OF GE-RF

ADEKA NOL GE-RF shows good moisturizing property.



Electric conductance (water content) on skin surface after treating GE-RF aq (20°C, 30 % RH)

Test method: The wet filter paper with the test solution was put on the forearm. After 5 minutes, the filter paper was removed. After that, the time course of electric conductance on the skin surface was measured.



- ✓ Globally approved
- ✓ Versatile & Multifunctional
- ✓ Shelf-life: 2 years
- ✓ Packaging can/drum/IBC

## SURFACE TENSION OF GE-RF

	Concentration	Surface tension (mN/m)
ADEKA NOL GE-RF	0.1%	32.5
glycerin	3%	70.9
propylene glycol	3%	66.3

## BENEFITS

- Acts as emollient & mild humectant
- Booster for antimicrobials
- Boosting and fixing of fragrance ingredients
- Strong broad spectrum efficacy
- Unaffected by pH
- Unaffected by oily compound
- Effective against gram-positive bacteria, yeast & mold

## FEATURES

- Allergy testing
- Claims testing
- Microbial challenge testing
- High performances
- Preservative free system
- Palm Oil-free

