# Technical Data Sheet



Item Name:

# AEO-3

## PRODUCT INFORMATION

| | |
|---|---|
| **Chinese Name:** | 脂肪醇聚氧乙烯醚 (3EO) |
| **Commodity Name:** | Fatty Alcohol Polyoxyethylene Ether AEO-3 |
| **Chemical Name:** | Alcohol Ether AEO-3 |
| **Other Name:** | Fatty Alcohol Ethoxylated 3EO, Primary Alcohol Ethoxylate, Peregal, FAE-3EO |
| **CAS No.:** | 68439-50-9 |
| **Molecular Formula:** | $CnH2n+1O(CH_2CH_2O)3H$ n=12-14 |

## PRODUCT DESCRIPTION

Raw material with natural fatty alcohol, easily soluble in oil and polar solvent, diffusion in water, good emulsification performance by w/o type emulsifier, low toxicity, easily biochemical degradation, good emulsification and foaming ability, the important nonionic surfactant.

## TECHNICAL SPECIFICATION

| Index | Standard |
|---|---|
| Appearance (25°C) | White liquid, no visible impurities |
| Odour (25°C) | Consistent with the standard sample, no peculiar smell |
| Moisture by wt % | 0.10 max |
| Active matter by wt % | 99.90 min |
| pH value (1% sample.aq.Sol) | 6.0 - 7.0 |
| Hazen (25°C Hazen) | 20 max |
| Hydroxyl value by mgkOH/g | 170 - 175 |
| PEG by wt % | 1.0 max |

## MAIN APPLICATION

Used for continuous SO3 sulphonated made of AES. Used for clean lotion, emulsifier. Wildly used in detergent, chemical fiber oil, textile, leather industry, pesticides, electroplating, papermaking and cosmetic industries.

## PACKING AND SHELF LIFE

Packing: 110kg/170kg plastic barrles
Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.