

TECHNICAL DATA SHEET (TDS)

Product Name: IRAMID PKD

Chemical name: Palm Kernel Fatty Acid Diethanol Amide

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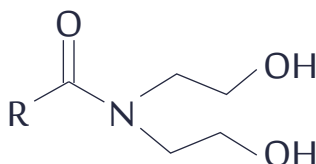
COMPANY IDENTIFICATION

Manufacturer: PADIDEH SHIMI JAM CO.

Tell: +98(21)88580000

Address: No.16, Western Fourth Golbarg St., Baharestan St., Dadman Blvd., TEHRAN, IRAN

CHEMICAL STRUCTURE



PHYSICOCHEMICAL PROPERTIES

| | |
|------------------------|----------------------------------|
| Appearance (25 °C) | Yellow, clear and viscose Liquid |
| Active matter (MW:310) | Min. 82% |
| Free Amine (MW:105) | Max. 4% |
| PH of 1% solution | 9.0 -11.0 |

FUTURES

IRAMID PKD is a non-ionic surfactant with foam and viscosity enhancement, even at low electrolyte concentrations.

The unique features of IRAMID PKD are: low color, lack of methyl ester and methanol smell.

APPLICATIONS

Shampoos, bath cleansers, hand washing liquid, liquid detergents

STORAGE & STABILITY

IRAMID PKD can be stored at least for one year at 10-40°C. During storage it should be protect from moisture in cool condition.

