

# Arquad 2HT-75

Di(hydrogenated tallowalkyl)dimethyl ammonium chloride

Arquad® 2HT-75 is a di(hydrogenated tallow)dimethylammonium chloride.

## Specifications

|                         |                                    |
|-------------------------|------------------------------------|
| Color                   | ≤ 4 Gardner                        |
| pH                      | 6-9 (5% in 50/50 2-Propanol/water) |
| Active content          | 74-76 (Mw=573.5) %                 |
| Free Amine & Amine Salt | ≤ 2 (Mw=523/559.5) %               |
| Salt                    | ≤ 0.2 %                            |
| Water content           | 8-12 %                             |

## Characteristics

|                                      |                                                              |
|--------------------------------------|--------------------------------------------------------------|
| 2-Propanol                           | 15 %                                                         |
| Appearance                           | Whitish paste at 20°C                                        |
| Density                              | 880 kg/m <sup>3</sup> at 20°C, 850 kg/m <sup>3</sup> at 60°C |
| Flash point                          | 25°C DIN 51755                                               |
| HLB                                  | 13 (Davies)                                                  |
| Melting point                        | 30-40 °C                                                     |
| Odor                                 | Isopropanol                                                  |
| Surface Tension according to Du Noüy | 37 mN/m at 25°C, 1.0% DIN 53914                              |
| Viscosity                            | 70 mPa s at 60°C                                             |

### Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

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