



# TOSOH CORPORATION

## TOYOCAT-ETF

## Product Information Sheet

Mixture of Bis (2-dimethylaminoethyl) ether salt and Dipropyleneglycol

|            |  |  |
|------------|--|--|
| CAS number | Bis (2-dimethylaminoethyl)ether salt<br><b>YES</b> | Dipropyleneglycol<br><b>25265-71-8</b> |
| EC number  | <b>YES</b>   | <b>203-821-4</b>                       |
| TSCA       | <b>YES</b>   | <b>YES</b>                             |

All ingredients are listed on TSCA and EINECS

| Item                    | Specification | Analytical Method |
|-------------------------|---------------|-------------------|
| Amine value (mgKOH / g) | 367-377       | TS-Amine-004C     |
| Water content (%)       | 1.5 Maximum   | TS-Amine-005A     |
| Acid value (mgKOH / g)  | 273-285       | TS-Amine-007      |

| Item   | Physical data | Analytical Method  |
|--|---------------|--------------------|
| Appearance                                   | Amber         | TS-Amine-001A      |
| Specific Gravity (H <sub>2</sub> O=1, @20°C) | 1.05          | TS-Amine-003C      |
| Viscosity (mPa·s, @25°C)                     | 63            | B-Model Viscometer |
| Freezing Point (°C)                          | <-20          |                    |
| Boiling Point (°C)                           | 170-177       |                    |
| Vapor Pressure (Pa, @20°C)                   | <13Pa         |                    |
| Vapor Density (air=1)                        | 3.36          | Calculated         |
| Autoignition temperature (°C)                | -             |                    |
| Flash Point (°C)                             | 73            | T.C.C. Method      |
| Solution in water                            | ∞             |                    |
| pH (10%aq., 20°C)                            | 8.0           |                    |
| Calculated OH number (mg KOH/g)              | 824           |                    |

### HISTORY

|                      |                             |
|----------------------|-----------------------------|
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