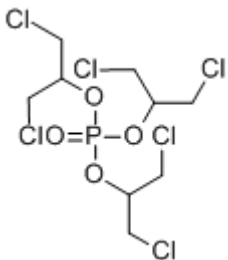




**凯美亚化学有限公司**  
KEMIACHEM CO., LIMITED.

## Technical Data Sheet

|                            |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Product Name</b>        | tris(1,3-Dichloro-2-propyl) phosphate                                                                                                                                                                                                                                                                                                                                                                         |  |
| <b>Synonyms</b>            | TDCPP;1,3-dichloro-2-propanophosphate(3:1)1,3-dichloro-2-propanol phosphate                                                                                                                                                                                                                                                                                                                                   |  |
| <b>CAS No</b>              | 13674-87-8                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Molecular Structure</b> |                                                                                                                                                                                                                                                                                                                              |  |
| <b>Specification</b>       | Color (APHA)≤50<br>Acid Value (mg KOH/g)<0.05<br>Phosphorus content (wt. %)7.1<br>Chlorine Content (wt. %)47.0<br>Density (25°C, g/cm3)1.48±0.01<br>Flash Point (°C)>190<br>Viscosity (25°C, mPa·s)1050±150                                                                                                                                                                                                   |  |
| <b>Application</b>         | TDCP/LF is a general purpose chlorinated phosphate flame retardant used in polyurethane foams, whose superiority is demonstrated in excellent stability and low cost. It is recommended for polyurethane resins, epoxy resins, and phenolic resins. For polyurethane foams, it can easily meet the standards such as California TB 117, FMVSS 302, UL 94 HF-1, BS 5852 Crib 5, DIN 75200 and CSE RF4 Class 1. |  |
| <b>Hazard Class</b>        | Non-dangerous goods                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Packing</b>             | 250kg in iron drum                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Quantity / 20'FCL</b>   | 20mts                                                                                                                                                                                                                                                                                                                                                                                                         |  |