

Yoke Chemicals and New Materials (Shanghai) Co., Ltd.



and its subsidiaries Shekoy Chemicals Europe and USA

Technical Data Sheet

PhireGuard TEP

General Description and Use

PhireGuard TEP, i.e. TriEthyl Phosphate, is a halogen free flame retardant.

PhireGuard TEP's other characteristic is its extremely low viscosity that makes it a very valuable viscosity cutter in a wide variety of formulations.

PhireGuard TEP is primarily used as flame retardant in rigid foams or board (PUR/PIR and Phenolic).

Typical Properties ¹⁾

Physical appearance	Transparent liquid
Phosphorus content, wt%	17
Purity, wt%	>99.0
Acid value, mgKOH/g	< 0.05
Water content, wt%	< 0.1

1) Please refer to the Certificate of Analysis for exact properties

Safety Information

Yoke Chemicals and New Materials (Shanghai) Co., Ltd. is committed to the health and safety of its customers and employees.

Avoid breathing vapour and mist. In case of direct contact with eyes or skin, rinse immediately with plenty of water and seek medical advice. In case of ingestion, rinse mouth with water and seek medical advice.

In any case wear suitable protective clothing and do consult the material safety data sheet of this product prior to utilization.

Handling and Shipping Information

Product is available in isocontainers (max. 25 t), totes (1000 l) and drums (200 l / 55 US gal).

Product must be stored in dry, cool area away from direct sun exposure and kept away from humidity and water contamination. Handle in accordance with good professional hygiene and safety procedures. Use in well ventilated areas.

In case of spillage, use a shovel or any other appropriate tool to collect the spill and place it into a chemical waste container. Do prevent spill from entering water supplies or water courses.

Contacts

May you require any further information regarding this product or any other product commercialized by the Jiangsu Yoke Technology Corporation, please do contact one of our following facilities at your best convenience:

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