



# Product Information Sheet

## Potassium Tripolyphosphate, Anhydrous

### *Potassium Tripolyphosphate, Tech Grade*

**CAS #:** 13845-36-8      **Appearance And Odor:** White granular, odorless.  
**Chemical Formula:**  $K_5 P_3 O_{10}$       **Molecular Weight:** 448

### *Application:*

Detergents, especially liquid formulations such as machine dish wash detergents.  
Used in paints, water treatments, and ceramics.  
Product Certified to NSF/ANSI Standard 60 by NSF International

### *Chemical Analysis:*

Component	Typical	Guaranteed
Content %	85%	85 Min.
Phosphate ( $P_2O_5$ )	47.3	47% Min
Orthophosphate %	0.2	3.0% Max
Iron ppm	1.8 ppm	1.8 - 3.2 ppm Max
Arsenic		<3 ppm Max
Heavy Metal		<20 ppm Max
Water insoluble		2.0% Max
Loss on Ignition	0.2%	3 Max

### *Physical Properties:*

Component	Typical	Guaranteed
pH: (1% Solution):	9.9	9.3 - 10.1%
Solubility @20°C		1500 g/l
Specific Gravity	0.95 g/ml	

### *Packaging:*

Packaging is in 50 lb Bags on shrink-wrapped pallets.

### *GHS Labeling Information:*



**Signal Word**  
**Warning**

**Product Of**  
**Germany**

Note: Lidochem, Inc. makes no representations or warranty of any kind, express or implied, as to merchantability, fitness for a particular purpose, or otherwise in respect to any product referred to, whether used alone or in combination with any other material. Lidochem, Inc. makes no guarantee of satisfactory results from reliance upon information, statements or recommendations contained herein and disclaims any liability for any resulting loss or damage. For whatever case, Lidochem, Inc.'s total liability shall be limited to the purchase price of the material with respect to which damages are claimed. Nothing contained herein is to be construed as a recommendation to use any product in conflict with any patent.