



Wellgo Chemical Technology Co., LTD
PETS

(Pentaerythritol stearate) CAS No.: 115-83-3

PRODUCT NAME WELLGO PETS

PRODUCT TYPE Industrial grade

COMPOSITION AND DESCRIPTION

Color White to off-white powder **Taste** Neutral, little fatty

CHEMICAL/PHYSICAL SPECIFICATIONS

Arsenic (as As) ≤ 2 mg/kg

Heavy metal (as Pb) ≤ 2 mg/kg

| Item | PETS-3 | PETS-4 | PETS-1 |
|----------------------------------|---------|---------|-----------|
| Acid value(mgKOH/g) \leq | 2 | 2 | 1 |
| Iodine value(gI2/100g) \leq | 2 | 2 | 5 |
| Saponificationvalue (mgKOH/g) | 55-65 | 20-35 | ≤ 12 |
| Hydroxyl value(mgKOH/g) | 185-201 | 185-201 | 195-201 |
| Melting point (°C) | 50-60 | 55-65 | 60-70 |

APPLICATION AREAS:

PETS is short for Pentaerythritol stearate, it usually appear as white solid wax with high melting point chemical product. It is soluble in alcohol and benzene. CAS No.: 115-83-3

Appearance: White powder solid or Plate-Shape

MAIN APPLICATIONS:

1. Plastification: PETS improve the plastic solution and lubricating in plastification of rubber
2. Stabilizer: Apply as the stabilizer, plasticizer and lubricant on PVC.
3. Lubricant: Apply as lubricant on high quality lubricate oil, metal cutting and Rolling thin steel plate
4. Softener: Apply as softener in textile industry, making cloth smooth and antistatic.
5. Oil improver: Apply on leather to make their surface bright and smooth.
6. Skin care: PETS is good skin care ingredient to keep breath ability.

THE PACKAGE AND SHELF LIFE::

25kg / bag. Should be at room temperature, a cool, ventilated, dry place, Please note that open bag and sealed to prevent caking. Mixed with inflammable, explosive, toxic and hazardous substances storage or shipment is strictly prohibited. Unopened storage period of 24 months.

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