



## JIANGXI KOSIN FRONTIER TECHNOLOGY CO., LTD.

Add: Yuan Shangang Industrial Park, Dongxiang District, Fuzhou City, Jiangxi Province, China

### Technical Data Sheet

Product Name: Ethyl 3-ethoxypropionate (EEP)

CAS NO.: 763-69-9

Molecular structure :



UN.NO.: 3272

Molecular formula: C<sub>7</sub>H<sub>14</sub>O<sub>3</sub>

HS: 2918990090

Appearance: Colorless liquid

Smell: Esters odor

Melting point : -50°C

Boiling point :169-171°C

Vapor pressure :0.23 kPa(20°C)

Density (g/mg3): 0.9484 (20°C) Relative vapor density (Air =1):

5.03 Log value of octanol / water partition coefficient: 1.47

Flash point: 59°C(closed cup)

Ignition temperature: 377°C

Upper and lower explosion limit %(V/V): 1.05 - 9.8

Solubility: Soluble in water, soluble in ethanol

#### SPECIFICATIONS:

Code	Item	Index
1	Appearance	colorless liquid
2	Color (Pt-Co)	≤ 15
3	Content %	≥ 99.5
4	Ethanol content %	≤ 0.1
5	Ethyl acrylate content %	≤ 0.35
6	Density (20°C) kg/m <sup>3</sup>	947-953
7	Moisture %	≤ 0.05
8	Acidity (based on acetic acid) %	≤ 0.02

#### Applications:

EEP is mainly used as solvent in the baked and repair paints for the automotive, household appliance paint, screen printing ink, high-grade ink and graphic products. It can also be used as photo resist diluents, electronic cleaning agent in microelectronic industry.

**Package:** 198KG/Iron drum、195KG/Iron drum、980KG IBC drum、ISO TNAK

**Precautions:** Avoid strong sunlight , keep away from food stuffs; In case of contact with the skin , wash with water

**Extinguishing method:** water, sand