Fusel Oil

Fusel alcohol | amyl alcohol mixture | CAS 8013-75-0 | UN 1201

Product Description

Fusel oil is a by-product of ethanol fermentation and alcohol distillation. It is a pale yellow to brown liquid with a strong pungent odour and is a mixture of higher alcohols, mainly isoamyl alcohol (3-methyl-1-butanol) with 2-methyl-1-butanol, isobutanol and n-propanol, and smaller amounts of ethanol, water and esters. It is flammable and only partly soluble in water.

Ochnology is a manufacturer and supplier of fusel oil, supplying distilleries, solvent processors and chemical users in India and overseas.

Typical Specification

Parameter	Typical value
Appearance	Pale yellow to brown liquid
Odour	Strong, pungent
Isoamyl alcohol content	55–75 % (typical)
Total higher alcohols	80 % min (typical)
Specific gravity at 20 °C	0.81–0.83
Flash point (closed cup)	About 40–55 °C
Water content	10 % max (typical)
Solubility in water	Partly soluble
Vapour	Heavier than air

Supply Details

Item	Detail
Packing, domestic	Tanker load
Packing, export	UN-approved drums only. ISO tank supply is not available
Storage	Store in closed containers in a cool, well-ventilated area, away from heat, sparks and oxidising agents
Transport classification	UN 1201, Fusel oil, Class 3 (flammable liquid)
Certification	COA supplied with each lot

Typical Applications

- Raw material for separation of isoamyl alcohol and amyl alcohols
- Manufacture of amyl acetate and other esters
- Solvent for paints, lacquers and resins
- Fuel blending and flotation frothers
- Flavour and fragrance intermediates

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