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Acetyl Acetone (2,4-Pentanedione)

Technical Data Sheet

11/7/2011

Product ID: PEN-441

Synonyms: 2,4-Pentanedione, Diacetyl Methane, Pentan-2,4-dione, Acetyl 2-propanone, Acetyl Acetone

CAS: 123-54-6

Sales Specifications:

Purity: 99.5% Min.

Water: 0.1% Max.

Acid content: 0.2% Max. (as acetic acid)

Color (APHA): 20 Max.

Packing: Drums and Totes


Physical Properties:

Appearance: Colorless

Physical State: Liquid

Odor: Unpleasant

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Odor Threshold: No information available

pH: 6

Melting/freezing point: - 23°C

Boiling Point/Range: 139°C

Flash Point: 34°C / 93°F

Evaporation Rate: Not available

Flammability Limits:

Upper Flammability limit: No information available

Lower Flammability limit: Not available

Vapor Pressure: 8.5 hPa @ 20°C

Vapor Density: 3.5 g/l

Specific Gravity: 0.972 - 0.978 g/cm³ @ 20°C

Water Solubility: 16 g/100mL @ 20°C

Solubility in other solvents: No information available

Partition coefficient: n-octano/water: Not available

Autoignition temp: 350°C / 662°F * Estimated

Product Description:

Kessler Chemical is a leading supplier and distributor of high-purity Acetylacetone. Kessler Chemical works closely with leading suppliers to offer the high quality Acetylacetone that you need for your applications.

Acetylacetone is an organic compound that exists in two tautomeric forms that interconvert rapidly and are treated as a single compound in most applications. It is a colorless liquid that is a precursor to acetylacetonate (**acac**), a common bidentate ligand. It is also a building block for the synthesis of heterocyclic compounds.

Chemical producers and buyers rely on Kessler Chemical for their Acetylacetone needs. We offer the quality, availability and technical knowledge you are looking for in an Acetylacetone supplier. Let Kessler Chemical work for you!