



Chemistry for Safer, Sustainable Life

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Isoamyl acetate Data Sheet

Catalog sizes	100g , Listed as 100g Isoamyl acetate, ISAAC00100 500g , Listed as 500g Isoamyl acetate, ISAAC00500 1kg , Listed as 1kg Isoamyl acetate, ISAAC01000
Category	Esters
Product specification	Colorless liquid <ul style="list-style-type: none">• Product ID: ISAAC• Purity: 98%+• CAS: 123-92-2• Formula: C₇H₁₄O₂• MW: 130.19g/mol• Density: 0.81-0.91g/ml• BP: 138-146C• Flash point: 22-28C
Product description	Isoamyl acetate is a colorless ester of acetic acid and isoamyl alcohol with a strong, pleasant, banana scent. It exists in bananas, apples, pears, and/or peaches. Due to its minimal toxicity (LD ₅₀ = 17g/kg, rat (oral)), isoamyl acetate is commonly used as a key ingredient in perfumes, soap, lotion, shampoo, deodorants, air fresheners, vanishes, polishes (shoe, leather, furniture, nail). It also finds important industrial uses as a solvent for dyes, lacquers, oil paints, resins, and in dry cleaning. For beekeepers, the strong smell of banana oil is a critical attractant for honeybees.