

2,3-Butanedione \geq 98.0%, Natural-identical, FCC

● Product information	Product code	F23700
	Trade name	2,3-Butanedione \geq 98.0%, Natural-identical, FCC
	Chemical name	2,3-Butanedione
	Synonyms	Diacetyl
	CAS number	431-03-8
	FEMA number	2370
	UN number	2346
	HS number	29141900.90
	Hazard class	3.2 (Packing group II)
Others	----	
● Description	Yellow to Kelly liquid, strong pungent odor, cream-like odor when in dilution. Soluble in ethanol, aether, propylene glycol, glycerol, water and most of non-volatile oils, insoluble in mineral oils.	
● Specification data	Odor	Strong pungent odor, cream-like odor when in dilution
	Assay (GC)	Min.98.0%
	Specific gravity/Density(25/25°C)	0.975~0.990
	Refractive index (20°C)	1.391~1.399
● Basic physical & Chemical properties	Boiling point	87~88°C
	Flash point	13°C
	Freezing/Melting point	-3~-4°C
	Molecular weight	86.10
	Molecular formula	C ₄ H ₆ O ₂
● Application	Used in flavors for cream, cheese fermentation, coffee and so on.	
● Other issues	Standard packing	a. 25kg per polyethylene bucket . b. 190kg per polyethylene bucket .
	Storage	Store at a cool and dry place without light. Avoid oxidizing agents, alkaline substances. Storage: Refrigerated below 15 °C. For more information, please refer to the MSDS.
	Shelf life	12 months since the date of production when stored in required condition.