

 synerzine TM	Title: W0435P Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 09/24/2019

Product Identifiers

Product Name:	CARAMEL FURANONE
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Synerzine Item #	W0435P	CAS #	28664-35-9	FEMA #	3634
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Material Properties

Molecular Formula	C6H8O3	Flash Point (°F, CC)	103
Molecular Weight	128.13	Boiling Point	184°C @ 760 mm Hg
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in organic solvents Water solubility: 222.8 g/L @ 25°C
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	White	Pale yellow
Odor	Organoleptic Analysis	None	Sweet, caramel, brown sugar, burnt, syrup	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

Also called: 4,5-DIMETHYL-3-HYDROXY-2,5-DIHYDROFURAN-2-ONE
Melting point: 25-29°C @ 760 mm Hg

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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