


Typical Product Specifications & Properties

allyl thiopropionate

CAS Number: : 41820-22-8

Specifications	Limits
Appearance	colorless to pale yellow clear liquid
Additional Assay Information	+ 15% diallyl sulfide
Water	<0.4
Specific gravity	0.96300 to 0.97300 @ 20.00 °C
logP (o/w)	2.08
Odor Type	alliaceous
Odor	Fresh onion garlic-like with green gassy nuances
Taste	Fresh onion with a green sweet vegetable nuance
Flash Point	119.00 °F.TCC
Acid Value	1.00 max. KOH/g
Vapor Pressure	3.670000 mm/Hg @ 25.00 °C
Assay	83.00 to 100.00 %

Specifications	Limits
Pounds/Gallon	8.022 to 8.106
Refractive Index	1.47500 to 1.48300 @ 20.00 °C
Boiling Point	150.00 to 151.00 °C. @ 760.00 mm Hg
Chemical Structure	 <p>The chemical structure shows a propanone chain with a sulfur atom at the 1-position and an allyl group at the 2-position. The Parchem logo, consisting of two interlocking circles and the text 'parchem fine & specialty chemicals', is also present.</p>