

TECHNICAL DATA SHEET

DATE: 26.05.2020
PRODUCT: ALPHA-IONONE
CODE: 100127300

CAS-EINECS 127-41-3
CAS N° 127-41-3
CHEMICAL IDENTIFICATION 4-(2,6,6-Trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one
FEMA 2594
INDEX NUM. / INVENTORY NUM. -
EINECS / ELINCS 204-841-6
FLASH POINT >100°C
BOILING POINT -
FORMULA C₁₃ H₂₀ O
M.W. 192.30

ORGANOLEPTIC PROPERTIES

ASPECT LIQUID
COLOR PRACTICALLY COLORLESS - CLEAR YELLOW
ODOUR WOODY, WARM

CHEMICAL AND PHYSICAL PROPERTIES

	MIN	MAX
DENSITY 25°C (g/cm³)	0,930	0,939
REFRACTIVE INDEX 20°C	1,4950	1,5060
ALPHA IONONE (%)	78,00	
BETA IONONE (%)	10,00	18,00
GAMMA IONONE (%)	1,00	5,00
PURITY AS ISOMERS SUM (%)	94,00	

STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.