

### Product Specification

Product code:	1009
Product name:	Natural Ionone
Chemical name or synonyms:	4-(2,6,6-trimethylcyclohexen-1-yl) but-3-en-2-one
Empirical formula:	C <sub>13</sub> H <sub>20</sub> O
Declaration in USA:	Natural
Appearance:	Yellow to pale tan liquid
Odor:	Violet, Berry
Melting point (for solids only):	N/a
Boiling point:	237° – 238°C
Flash point:	>110°C
Specific gravity @ 20°/20°C:	0.926 – 0.949
Refractive index @ 20°C:	1.490 – 1.515
Assay (by GLC):	60 to 70% alpha isomer, 10 to 20% beta isomer.
Solubility:	Insoluble in water; soluble in most organic solvents.
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 20°C; 24 months.
FEMA No.:	2594/2595
CFR No.:	172.510
EINECS No.:	232-396-8
CAS No.:	8013-90-9
CoE No.:	141/142
HS code:	2914.23.0000

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