



An ISO 9001:2015
Certified Company

Speciality Products Research Group

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Ref. No.: SRG/TDS/QE/2019

Rev. No.: 00

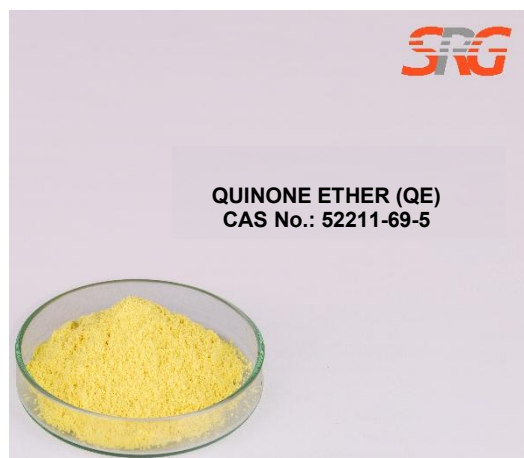
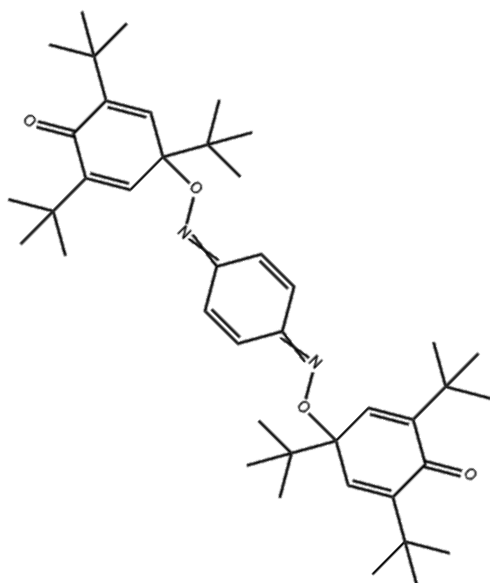
TECHNICAL DATA SHEET

QUINONE ETHER (QE)

Synonyms:	Quinol Ether; O,O'-bis(1,3,5-tri-tert-butyl-4-oxo-2,5-cyclohexadienyl)-p-benzoquinone dioxime
CAS No.:	52211-69-5
Molecular Formula:	C ₄₂ H ₆₂ N ₂ O ₄
Avg Mass:	658.95 g/mol
IUPAC Name:	2,5-Cyclohexadiene-1,4-dione, 1,4-bis[O-[1,3,5-tris(1,1-dimethylethyl)-4-oxo-2,5-cyclohexadien-1-yl]oxime]

SPECIFICATIONS FOR Quinone/Quinol Ether (QE)

Sr. No.	Characteristics	Specified Value
1.	Appearance	Powder from light yellow to dark yellow color. A green hue is allowed
2.	Melting Point, °C	163 - 165
3.	Mass fraction of volatile substances, %	0.1 max
4.	Mass fraction of tri-tert-butyl-phenol (P-23), %	0.3 max
5.	Mass fraction of p-dinitroso benzene (p-DNB), %	0.3 max
6.	Mass fraction of manganese, %	0.02 max
7.	Solubility in ethyl acetate at ratio m _{Quinone Ether} : m _{ethyl acetate} = 5.0 : 95.0	Clear solution No insoluble residue



For Speciality Products Research Group

Proprietor

