

PRODUCT CODE	: PM-002
PRODUCT NAME	: Gum Rosin
IUPAC NAME	: (4aR)-1,4a-dimethyl-7-propan-2-yl-2,3,4,4b,5,6,10,10a-octahydrophenanthrene-1-carboxylic acid
INCI NAME	: Colophonium
MOLECULAR FORMULA	: C ₂₀ H ₃₀ O ₂
MOLECULAR WEIGHT	: 302.5 g/mol



ORIGIN INFORMATION

BOTANICAL ORIGIN	<i>Pinus merkusii</i>
ORIGIN COUNTRY	Indonesia
PRODUCTION PROCESS	Gum Rosin is the slightly yellow solid resin part obtained during the distillation of refined oleo pine resin tapped from live pine trees specifically of the Pinus Merkusii variety.
PLANT PART USED	Resin

REGULATORY INFORMATION

CAS/EU CAS	8050-09-7
EINECS	232-475-7
JECFA	NA
FEMA / GRAS	NA
REACH REGISTRATION	NA
FLAVIS	0
US FDA (21 CFR)	175.105
ISO Standard Code	NA

PHYSICAL PROPERTIES

OLFACTIVE DESCRIPTION	Rosin odor
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OTHER DETAILS

STABILITY, HANDLING & STORAGE	
MELTING POINT	70-72 °C / 158 °F
FLASH POINT	204 °C / 399.2 °F
PACKAGING OPTIONS	Galvanized Drum (225 kg)
SOLUBILITY	Soluble in alcohol, benzene, ether. Insoluble in water

