

PRODUCT CODE	: PM-003
PRODUCT NAME	: Glycerol Ester of Gum Rosin 90
IUPAC NAME	: 2,3-dihydroxypropyl (1R,4aR,4bR,10aR)-1,4a-dimethyl-7- <i>propan-2-yl</i> -2,3,4,4b,5,6,10,10a-octahydrophena
INCI NAME	: Glyceryl abietate
MOLECULAR FORMULA	: C ₂₃ H ₃₆ O ₄
MOLECULAR WEIGHT	: 376.5 g/mol


ORIGIN INFORMATION

BOTANICAL ORIGIN	<i>Pinus merkusii</i>
ORIGIN COUNTRY	Indonesia
PRODUCTION PROCESS	Glycerol ester of gum rosin is obtained by the esterification of refined gum rosin under nitrogen atmosphere with food-grade glycerol and purified by counter-current steam distillation.
PLANT PART USED	Resin

REGULATORY INFORMATION

CAS/EU CAS	8050-31-5
EINECS	232-482-5
JECFA	NA
FEMA / GRAS	4226
FLAVIS	0
RIFM ID	5379
US FDA (21 CFR)	175.735
ISO Standard Code	NA

PHYSICAL PROPERTIES

OLFACTIVE DESCRIPTION	Weak, almost neutral
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OTHER DETAILS

STABILITY, HANDLING & STORAGE	Store in cool and dry place, well-ventilated area
MELTING POINT	90 °C / 194 °F
FLASH POINT	> 200 °C / 32 °F
PACKAGING OPTIONS	Paper Bag (25 kg)