

**PCW**

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Technical Data Sheet**ROSE OXIDE 90.10 - ROX/1**

Manufacture PCW

Reference : ROSE OXIDE 90.10 - ROX/1

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	ISOBUTENYL METHYLTETRAHYDROPYRAN
<i>IUPAC Name :</i>	4-methyl-2-(2-methylprop-1-enyl)oxane
<i>Chemical / REACH name :</i>	Tetrahydro-4-methyl-2-(2-methylprop-1-enyl)pyran
<i>Synonyms :</i>	(+)-rose oxide
<i>Molecular formula :</i>	C ₁₀ H ₁₈ O
<i>Molecular weight :</i>	154
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Anti-oxydant(s) :</i>	-
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Floral, powerful, rosé
<i>Density at 20°C :</i>	[0.871 ; 0.881]
<i>Refractive index @ 20°C :</i>	[1.451 ; 1.457]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	64
<i>Boiling point (°C) :</i>	No data
<i>Melting point (°C) :</i>	No data
<i>Ignition temperature :</i>	No data
<i>Purity (%) :</i>	[99 ; 100]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
<i>VLEP (8h) mg/m3 (98/24/CE) :</i>	No data

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2 - COSMETIC REGULAR DATA

<i>VOC Swiss - Annex 1 :</i>	Not listed
<i>Low VOC (CARB) :</i>	100%
<i>IFRA :</i>	No restrictions (50th Am.)
<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>Hallal status :</i>	In compliance with the religious concepts
<i>Statut kosher :</i>	-
<i>CAS number :</i>	16409-43-1

2.1 - REGULAR DATA FLAVOURS

<i>REG. 872/2012 CE Annex 1 :</i>	Listed
<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Foodgrade certificate :</i>	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
<i>Ionization :</i>	-
<i>Genetically Modified Organisms (GMO) :</i>	Does not result / does not contain GMO
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

<i>Tunnel codes ADR :</i>	/
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Shelf life :</i>	12 months, according to storage conditions

4.1 - STORAGE

<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

<i>Land Transport ADR/RID :</i>	/ Not regulated for transport
<i>Maritime Transport IMDG :</i>	/ Not regulated for transport
<i>Marine pollutant :</i>	
<i>Air Transport IATA :</i>	/ Not regulated for transport

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LEGISLATION :

DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
ECL (Corée du Sud) n° : 2010-3-4199
ECIS (Taiwan) : Listed
IECSC (China) : Listed
RIFM - ID N° : 32
EINECS (EU) : 240-457-5
NEPA (China) : CB5344138
FLAVIS : 13.037
COE (Council of Europe) : 2269
ENCS (Japan) n° : (5)-680
JECFA n° : 1237
FEMA : 3236
C.A.S : 16409-43-1

Labeling :



ED12 Serious eye damage / eye irritation 2
REP2 Reproductive toxicity 2
SC12 Skin corrosion / irritation 2



H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H361 - Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash hands thoroughly after handling.
P281 - Use personal protective equipment as required.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.