

**PCW**

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Technical Data Sheet**MUSK 50 IPM**

Manufacture PCW

Reference : MUSK 50 IPM

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(g)-2-benzopyran 50 IPM
<i>I.N.C.I. :</i>	Hexamethylindanopyran 50 IPM
<i>Chemical / REACH name :</i>	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(g)-2-benzopyran 50 IPM
<i>Synonyms :</i>	Galaxolide (50% IPM) ; HHCB (50% IPM)
<i>Molecular formula :</i>	C18 H26 O (Musk)
<i>Molecular weight :</i>	258.41 (Musk)
<i>Solvent(s) :</i>	Isopropyl myristate
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Origin raw material :</i>	Synthetic
<i>Chimic Class :</i>	Cyclic ethers
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No 0.1943 mg/L @ 25°C (litt.)
<i>Anti-oxydant(s) :</i>	None
<i>Additive(s) :</i>	None
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Viscous liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Musk, woody
<i>Relative density @ 25°C :</i>	[0.938 ; 0.950]
<i>Refractive index @ 20°C :</i>	[1.488 ; 1.498]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	144
<i>Boiling point (°C) :</i>	330
<i>Peak #1 (%) :</i>	48 - 52% (Musk)
<i>Peak #2 (%) :</i>	30 - 40% (IPM)
<i>Melting point (°C) :</i>	< - 20

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Ignition temperature :	-
Viscosity :	12 915 mPa.s dynamic @ 20 °C
Purity (%) :	99% min.

1.5 VLEP

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

2 - COSMETIC REGULAR DATA

Statut kosher :	-
Hallal status :	-
Allergens SCCNFP List :	See certificate
Reg. 1223/2009 & mod. :	See certificate
IFRA :	No restrictions (49th Am.)
CAS number :	1222-05-5 / 110-27-0
CMR (Reg. 1223/2009/EEC) :	See certificate
VOC Swiss - Annex 1 :	Not listed
COV medium (CARB) :	100%
Nanoparticle :	Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization :	Not submitted to a processing of ionization
REG. 872/2012 CE Annex 1 :	Not listed
Genetically Modified Organisms (GMO) :	Does not result / does not contain GMO

4 - TRANSPORT - HANDLING - STORAGE

Shelf life :	12 months, according to storage conditions
Tunnel codes ADR :	E
Custom tariff :	3302 90 90 00
Precautions of use :	Avoid any direct contact with the product.

4.1 - STORAGE

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

Land Transport ADR/RID :	3082 Environmentally hazardous substance, liquid, n.o.s.,(HHCB mixture), 9, III
Maritime Transport IMDG :	3082 Environmentally hazardous substance, liquid, n.o.s.,(HHCB mixture), 9, III
Marine pollutant :	Yes
Air Transport IATA :	3082 Environmentally hazardous substance, liquid, n.o.s.,(HHCB mixture), 9, III

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LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : 1222-05-5 / 110-27-0
NEPA (China) : CB1706143 / CB9482638
FEMA : Not listed
FDA : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
PICCS (Philippines) : Listed
EPA N° : Listed
NZIoC (New Zealand) : Listed
ENCS (Japan) n° : (5)-683 / (2)-798
EINECS (EU) : 214-946-9 / 203-751-4
ECL (Corée du Sud) n° : KE-18564 / KE-33355
RIFM - ID N° : 628
ECSI (Taiwan) : Listed
ISHL (Japan) : Not listed
IECSC (China) : Listed
COE (Council of Europe) : Not listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 1222-05-5 / 110-27-0

Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1

H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

P273 - Avoid release to the environment.
P391 - Collect spillage.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.