

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**INDOFLOR**

Manufacture PCW

Reference : INDOFLOR

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Tetrahydroindeno-dioxin
<i>IUPAC Name :</i>	4,4a,5,9b-Tetrahydroindeno(1,2-d)-1,3-dioxin
<i>Chemical / REACH name :</i>	-
<i>Synonyms :</i>	Indoflor ; Florindal ; Indoletal ; Indolal
<i>Molecular formula :</i>	C11 H12 O2
<i>Molecular weight :</i>	176.21
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	-
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	IND-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Powder
<i>Color :</i>	White
<i>Odour :</i>	Conform to the commercial description.
<i>Density at 20°C :</i>	1.27
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	36.4
<i>Boiling point (°C) :</i>	276.1
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-
<i>Impurities >0.01% :</i>	-
<i>Purity (%) :</i>	[99.0 ; 100.0]

INDOFLO

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

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (50th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : -

Halal status : -

CAS number : 18096-62-3

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Not listed

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 99 00 90

Tunnel codes ADR : /

Shelf life : 12 months, according to storage conditions

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.

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

INDOFLO

LEGISLATION :

EINECS (EU) : 241-997-4
RIFM - ID N° : 5434
KECI : 2010-3-4859
TCSI (Taiwan) : Listed
ENCS (Japan) n° : Not listed
ISHL (Japan) : Not listed
FDA : Not listed
FLAVIS : Not listed
JECFA n° : Not listed
FEMA : Not listed
COE (Council of Europe) : Not listed
NEPA (China) : CB1168873
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
C.A.S : 18096-62-3

Labeling :



REP2 Reproductive toxicity 2

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>.

P281 - Use personal protective equipment as required.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.