

**PCW**

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Technical Data Sheet**COUMARIN**

Manufacture PCW

Reference : COUMARIN

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Coumarin
<i>IUPAC Name :</i>	2H-1-benzopyran-2-one
<i>Chemical / REACH name :</i>	Coumarin
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₉ H ₆ O ₂
<i>Molecular weight :</i>	146.14
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	CO-2

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Powder
<i>Color :</i>	White
<i>Odour :</i>	Floral
<i>Density at 20°C :</i>	[0.952 ; 0.958]
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	[68.0 ; 71.0]
<i>Boiling point (°C) :</i>	[297 ; 301]
<i>Flash point (°C) (close cup) :</i>	93
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99.0 ; 100.0]
<i>Impurities >0.01% :</i>	-
<i>Point de congélation (°C) :</i>	68

1.5 VLEP

COUMARIN

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 : Restricted (50th Am.)

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

Statut kosher : Certified

Halal status : In compliance with the religious concepts

CAS number : 91-64-5

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

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 20 90 15

Tunnel codes ADR : E

Shelf life : 24 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 : Yes

Air Transport IATA : NR Not regulated for transport

COUMARIN

LEGISLATION :

N° REACH UK : UK-01-0542947855-4-xxxx
AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : Not listed
KECI : KE-02718
EINECS (EU) : 202-086-7
ENCS (Japan) n° : (5)-688
FDA : Not listed
FEMA : Not listed
IECSC (China) : Listed
JECFA n° : Not listed
DSL (Canada) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
NEPA (China) : CB3112168
TCSI (Taiwan) : Listed
ISHL (Japan) : (5)-688
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
RIFM - ID N° : 120
Swiss Giftliste 1 : G-1445
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 91-64-5

Labeling :



ATO4 Acute toxicity oral 4
EHC3 Hazardous to the aquatic environment, long-term hazard 3
SS1 Sensitisation skin 1

H302 - Harmful if swallowed.
H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.

P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.