

**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**CYCLAMEN ALDEHYDE**

Manufacture PCW

Reference : CYCLAMEN ALDEHYDE

1 - TECHNICAL DATA

<i>Ref code :</i>	CY-2
<i>IUPAC Name :</i>	3-p-Cumenyl-2-methylpropionaldehyde; Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-
<i>I.N.C.I. :</i>	Cyclamen aldehyde
<i>Chemical / REACH name :</i>	2- methyl -3-(4-isopropylphenyl) Propanal
<i>Synonyms :</i>	Cyclamal; Cyclosal; alpha-methyl-p-isopropylphenylpropyl aldehyde; 2-methyl-3-(p-isopropyl phenyl) propionaldehyde
<i>Chimic Class :</i>	Aromatic aldehyde
<i>Molecular formula :</i>	C13 H18 O
<i>Molecular weight :</i>	190.3
<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>	E307 / E330
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No
<i>Use level max. recom. :</i>	-
<i>Solvent(s) :</i>	None

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to clear yellow
<i>Odour :</i>	Floral, Fresh, Lilly of the Valley, Green
<i>Relative density @ 25°C :</i>	[0.945 ; 0.949]
<i>Relative density 20°C :</i>	[0.948 ; 0.952]
<i>Indice de réfraction à 25°C :</i>	[1.501 ; 1.505]
<i>Refractive index @ 20°C :</i>	[1.503 ; 1.507]
<i>Acid Value :</i>	[0 ; 2.0 mgKOH/g]
<i>Melting point (°C) :</i>	- 50
<i>Flash point (°C) (close cup) :</i>	80
<i>Boiling point (°C) :</i>	233

CYCLAMEN ALDEHYDE

Constituant(s) : Cyclamen alcohol : 1.5% max.

Somme of isomers (by G.C.) (%) : 98.5% min.
:

Ignition temperature : -

1.2 - ANALYTICAL DATA SPECIFIC

Cadmium (Cd) : <1 mg/kg

Pesticides résiduels : Free from pesticides and pesticide residues.

Mercury (Hg) : <1 mg/kg

Arsenic (As) : <3 mg/kg

Lead (Pb) : <10 mg/kg

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 : Certified

Halal status : In compliance with the religious concepts

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : Restricted (50th Am.)

IFRA Specifications : Cyclamen aldehyde contains no more than 1.5% Cyclamen alcohol.

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

CAS number : 103-95-7

VOC Swiss - Annex 1 : Not listed

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

Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 : Listed

Natural status (Reg. 1334/2008/EC) : Flavouring substance

Foodgrade certificate : Certified

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

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO

Ionization : Not submitted to a processing of ionization

Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions

Custom tariff : 2912 29 00 90

Tunnel codes ADR : E

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.

CYCLAMEN ALDEHYDE

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant : No

Air Transport IATA : NR Not regulated for transport

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed

DSL (Canada) : Listed

COE (Council of Europe) : 133

KECI : KE-24403

EINECS (EU) : 203-161-7

ENCS (Japan) n° : (3)-2911

FDA : 172.515

FEMA : 2743

FLAVIS : 05.045

JECFA n° : 1465

NEPA (China) : CB9246702

NZIoC (New Zealand) : Listed

PICCS (Philippines) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

TCSI (Taiwan) : Listed

RIFM - ID N° : 121

IECSC (China) : Listed

ISHL (Japan) : Not listed

C.A.S : 103-95-7

Labeling :



EHC3 Hazardous to the aquatic environment, long-term hazard 3

SC12 Skin corrosion / irritation 2

SS1 Sensitisation skin 1

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P321 - Specific treatment (see ... on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

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