

**PCW**

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Technical Data Sheet**2,3,5,6-TETRAMETHYL PYRAZINE**

Manufacture PCW

Reference : 2,3,5,6-TETRAMETHYL PYRAZINE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Tetramethylpyrazine
<i>IUPAC Name :</i>	2,3,5,6-Tetramethylpyrazine
<i>Synonyms :</i>	Ligustrazine
<i>Chemical / REACH name :</i>	2,3,5,6-Tetramethylpyrazine
<i>Molecular formula :</i>	C ₈ H ₁₂ N ₂
<i>Molecular weight :</i>	136.20
<i>Anti-oxydant(s) :</i>	-
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	2356TMP-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Crystalline powder
<i>Color :</i>	White
<i>Odour :</i>	Caramelly-milky, fermented soya beans, slightly woody.
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	99
<i>Boiling point (°C) :</i>	128
<i>Melting point (°C) :</i>	[84 ; 88]
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

2,3,5,6-TETRAMETHYL PYRAZINE

VLEP (8h) mg/m³ (98/24/CE) : VME 10 mg/m³ - total dust

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

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed

Low VOC (CARB) : 100%

Statut kosher : Certified

Halal status : -

Allergens SCCNFP List : See certificate

Reg. 1223/2009 & mod. : See certificate

IFRA : No restrictions (50th Am.)

CAS number : 1124-11-4

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

Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

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

Bovine Spongiform
Encephalopathy (BSE) : -

Ionization : Not submitted to a processing of ionization

Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2933 99 80 90

Tunnel codes ADR : /

Precautions of use : Avoid any direct contact with the product.

Shelf life : 36 months, according to storage conditions

4.1 - STORAGE

Storage : Store in cool place (10°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

2,3,5,6-TETRAMETHYL PYRAZINE

LEGISLATION :

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 6179
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB6186289
DSL (Canada) : Listed
JECFA n° : 780
ISHL (Japan) : (5)-851
IECSC (China) : Listed
FLAVIS : 14.018
FEMA : 3237
ENCS (Japan) n° : (5)-851
EINECS (EU) : 214-391-2
TCSI (Taiwan) : Listed
KECI : KE-33627
COE (Council of Europe) : 734
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 1124-11-4

Labeling :



ATO4 Acute toxicity oral 4

H302 - Harmful if swallowed.

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.

P330 - Rinse mouth.

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