

**PCW**

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Technical Data Sheet**HEXANOIC ACID (CAPROIC)**

Manufacture PCW

Reference : HEXANOIC ACID (CAPROIC)

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	Hexanoic acid
<i>Synonyms :</i>	Acid C6
<i>Molecular formula :</i>	C6 H12 O2
<i>Molecular weight :</i>	116.16
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	450 ppm in flavours
<i>Anti-oxdyant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Caproic acid
<i>IUPAC Name :</i>	Caproic acid

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to clear yellow
<i>Odour :</i>	Sweaty, cheesy, mild, sour fatty, overripe-fruity odour
<i>Density at 20°C :</i>	[0.925 ; 0.929]
<i>Refractive index @ 20°C :</i>	[1.416 ; 1.418]
<i>Acid Value :</i>	[473 ; 483 mgKOH/g]
<i>Melting point (°C) :</i>	-3
<i>Boiling point (°C) :</i>	202
<i>Flash point (°C) (close cup) :</i>	104
<i>Ignition temperature :</i>	380
<i>Purity (%) :</i>	[99 ; 100]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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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 (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : Certified
Hallal status : In compliance with the religious concepts
CAS number : 142-62-1

2.1 - REGULAR DATA FLAVOURS

Ionization : Not submitted to a processing of ionization
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : Certified
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
Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2915 90 70 90
Tunnel codes ADR : /
Shelf life : 30 months, according to storage conditions
Precautions of use : Avoid any direct contact with the product.

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 : 2829 CAPROIC ACID, 8, III
Maritime Transport IMDG : 2829 CAPROIC ACID, 8, III
Marine pollutant :
Air Transport IATA : 2829 CAPROIC ACID, 8, III

HEXANOIC ACID (CAPROIC)

LEGISLATION :

FDA : 172.515
FEMA : 2559
COE (Council of Europe) : 9
FLAVIS : 08.009
TSCA (Toxic Substances Control Act - USA) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
ECL (Corée du Sud) n° : KE-19797
IECSC (China) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
EINECS (EU) : 205-550-7
NEPA (China) : CB3224164
ISHL (Japan) : Not listed
ENCS (Japan) n° : (2)-608
ECSI (Taiwan) : Listed
RIFM - ID N° : 1104
JECFA n° : 93
C.A.S : 142-62-1

Labeling :



ED11 Serious eye damage / eye irritation 1
SC11C Skin corrosion / irritation 1C

H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301/303+P310 - If swallowed : Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor/physician.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.