



PERSONAL CARE & COSMETICS



Allantoin USP

Allantoin USP is a (2.5-dioxo-a-imidazolidinyl) urea

CAS Number 97-59-6
EINECS 202-592-8

CHARACTERISTICS

Appearance at 20° C	crystalline powder
Colour	white
Odour	odourless
Molecular weight	158.12
pH (sol. 0.5% in water)	4.5 – 6.5
Bulk density	0.7 +/- 0.05 g/cm ³
Loss on drying	0.1% max.
Residue on ignition	0.1% max.
Total viable count	< 100 c.f.u./g
Melting point	> 230°C with decomposition
Solubility	soluble in water, insoluble in mineral oils

APPLICATIONS

Allantoin USP is widely used in cosmetic, dermatological, and pharmaceutical formulations due to its soothing, skin protecting, and anti irritating properties. It is also used for stimulating the growth of healthy tissues in pharmaceutical formulations.

PACKAGING

Allantoin USP is delivered in metal drums of 50 Kg on shrink-wrapped pallets.

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