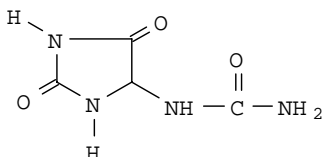


# 3V Allantoin

## Skin protectant



### Chemical and Physical Characteristics (\*)

Chemical Name	(2,5-Dioxo-4-imidazolidinyl) urea
INCI Name	Allantoin
Empirical formula	C <sub>4</sub> H <sub>6</sub> N <sub>4</sub> O <sub>3</sub>
Molecular weight	158.12
Appearance	Odorless and tasteless white powder
Volatiles (%)	0.2 max
pH (0.5% water solution)	4.0-6.0
Bulk density (g/cm <sup>3</sup> )	0.65-0.75
Solubility (at 25°C)	
Water	0.5%
Alcohol	0.2%

(\*) Typical values not qualified for quality control purpose

### Applications

Because of its soothing and anti-irritating properties, 3V ALLANTOIN is widely used in cosmetic and dermatological formulations. Even at low concentrations, it produces its unique effects by stimulating healthy tissue formation.

3V ALLANTOIN can be employed for the formulation of:

- Shampoos, shower-gels and conditioners;
- Lotions, creams and gels for skin-care;
- After-sun preparations;
- Shaving and after-shave creams and lotions;
- Antiperspirant and deodorant products;
- Toothpastes;
- Pharmaceutical formulations.

### Toxicological Information

Acute oral toxicity (rat)	> 5000 mg/kg
Acute skin irritation (rabbit)	non-irritant
Acute eye irritation	non-irritant

### Transport, Storage and Handling

**Labeling:** Product is not classified as hazardous according to international transport regulations.

Do not breathe dust and avoid contact with skin, eyes and mucous membranes. In case of contact, wash immediately with plenty of water.

Store in the original closed containers in a dry cool place.

**For further information, please refer to safety data sheet.**

The information in this data sheet is based on our present and best knowledge. We make no warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular use or purpose. Consequently the product must be tested by the user according to his needs and his production and application conditions and purposes. Neither do we assume any responsibility for infringement of third parties patent rights, which may arise from the use of the product. For industrial use only. USA.JP.Allantoin.901



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