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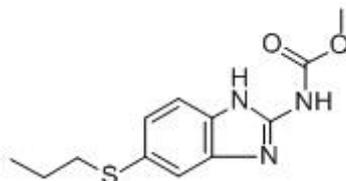
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Technical Data Sheet

Albendazole

Product Information

Chemical Name	Albendazole
CAS #	54965-21-8
EINECS	259-414-7
Formula	C ₁₂ H ₁₅ N ₃ O ₂ S
Molecular Weight	265.33
Chemical Structure	



Description

Albendazole is a almost white powder and melting point is between 206 and 212 °C. It is slightly soluble in acetone, chloroform and soluble in hot and dilute hydrochloride. It can also be dissolved in methanol, ethanol and acetic acid, etc. But it is insoluble in water.

Physical Properties

Appearance	almost white powder
Melting Point:	206~212 °C
Solubility	Slightly soluble in acetone, chloroform and soluble in hot and dilute hydrochloride. It can also be dissolved in methanol, ethanol and acetic acid, etc. But it is insoluble in water.

Specification

Appearance	White or almost white powder
Identification	Positive
Melting point, °C	206~212
Related substance, %	≤1.50
Fe salt, %	≤0.003
Loss on Drying, %	≤0.50
Residue on Ignition, %	≤0.20
Assay (drying basis), %	≥98.50

Safety

This product is not regulated as a hazardous substance either in packing group or shipping. Disposal must be made according to local and national regulations. Avoid to contact eyes since it may cause serious eye damage. It may cause allergy or asthma symptoms or breathing difficulties if inhaled. It may cause an allergic skin reaction if on skin. Always refer to the Material Safety Data Sheet (MSDS)

Applications

As an anthelmintic agent, Albendazole is an effective treatment for animal gastrointestinal nematodes and liver trematode. It can also be used mixed up with feed additives. Especially, Albendazole can be used to treat sheep and cow's fasciola hepatica including adults and larva.

Packaging

25kg per fiber drum.

Storage

Keep away from light, heat, and wet places. Stored in cool, dry and ventilated place. Try to stored separately from other hazardous or active chemicals.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.