HOMBITAN AFDC is an uncoated anatase titanium dioxide pigment with high whiteness and blue tone. From a chemical and microbiological point of view, it is exceptionally pure.

**Typical Properties**

- **Appearance**: white powder
- **Oil absorption [g/100 g pigment]**: approx. 19
- **Specific surface area [m²/g]**: approx. 10
- **Crystal size [nm]**: approx. 170

**Prior to surface treatment**

- **Titanium dioxide [%]**: min 99.0
- **Moisture when packed [%]**: max 0.5
- **Loss on ignition [%]**: max 0.5
- **Water soluble substances [%]**: max 0.25
- **Acid soluble substances [%]**: max 0.5
- **pH**: 6-9
- **Bulk density [g/m³]**: approx. 0.6

HOMBITAN AFDC is recommended for foodstuffs, pharmaceuticals as well as for cosmetic applications to provide opacity and brightness.
Product Information
HOMBITAN AFDC

Safety Precautions
Please see the Material Safety Data Sheet before handling the material.

Classification
- Colour Index 77891
- CAS no. (TiO₂) 13463-67-7
- EINECS no. (TiO₂) 2366755
- Components listed in TSCA, EINECS

Purity

HCl-soluble:

- Arsenic (as As) [mg/kg] max 1
- Antimony (as Sb) [mg/kg] max 2

Total:

- Lead (as Pb) [mg/kg] max 10
- Mercury (as Hg) [mg/kg] max 1

Microbiological Purity:

- Total bacteria [cfu/g] max 100
- Yeast/mould [cfu/g] max 100
- Escherichia coli neg
- Pseudomonas neg
- Staphylococcus aureus neg
- Salmonella neg
- Enterobacteria neg

Regulatory Status of AFDC

- USA: FDA 21 CFR 73.575; 73.1575; 73.2575
- EU: colour additive E171, 2006/33/EC
- European, US and Japanese Pharmacopoeia, FCC (Food Chemical Codex)
- INCI-name: titanium dioxide

The manufacture of Sachtleben products is within the scope of the ISO 9001 certified Quality Management System. The Pori plant also has an ISO 14001 certified Environmental Management System and OHSAS 18001 Occupational Health and Safety Management System.

Sachtleben does not guarantee the accuracy, topicality, correctness, completeness, quality or usefulness of any information provided. Any liability claims in connection with such information are excluded.

Great Solutions with Small Particles

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