VENATOR

Product Data Sheet

HOMBITAN® AFDC300

HOMBITAN® AFDC300 pigment is an alumina and a glycerin surface treated anatase titanium dioxide pigment with high brightness and blue tone. HOMBITAN® AFDC300 pigment possesses excellent light stability and is recommended for cosmetic applications in various media. HOMBITAN® AFDC300 pigment is certified by Ecocert, Kosher and Halal.

Classification

- Color Index 77891
- CAS no. (TiO_2) 13463-67-7
- EINECS no. (TiO_2) 236-675-5
- Components listed in TSCA, EINECS

Physical Properties

- Form: Powder
- Color: White
- Odor: None

Regulatory Status

- USA: FDA 21 CFR 73.2575 (TiO_2), 182 1320 (glycerin)
- EU: color additive E171, 231/2012/EC (TiO_2) E422 (glycerin) for cosmetics
- INCI-name: titanium dioxide, alumina, glycerin

Typical Properties

Prior to surface treatment:	**FDA**	**E171**	
Titanium Dioxide [%]	≥99.0	≥99.0	
Loss on drying [%]	-	≤0.5	
Loss on ignition [%]	≤0.5	≤1.0	
Water soluble substances [%]	≤0.3	≤0.5	
Acid soluble substances [%]	≤0.5	≤0.5	
Finished product:			
Titanium Dioxide (as TiO_2) [%]			≥96
Water soluble substances [%]			≤0.3
Acid soluble substances [%]			≤1.5
Loss on drying [%]			≤1.0
Loss on ignition [%]			≤8.3
Arsenic (HCl-soluble) [mg/kg]	≤1	≤1	
Lead (HCl-soluble) [mg/kg]	≤10	≤10	
Antimony (HCl-soluble) [mg/kg]	≤2	≤2	
Cadmium (HCl-soluble) [mg/kg]	-	≤1	
Aluminium Oxide and/or Silicon Dioxides(1) [%]	≤2.0	≤2.0	
Mercury (total) [mg/kg]	≤1	-	
Mercury (HCl-soluble) [mg/kg]	-	≤1	
Total aerobic microbial count (TAMC) [cfu]			100
Total yeast and moulds count (TYMC) [cfu]			100
Escherichia Coli			Absent in 1g
Pseudomas Aeruginosa			Absent in 1g
Staphylococcus Aureus			Absent in 1g
Candida Albicans			Absent in 1g

(1) Al_2O_3 and/or SiO_3

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Safety, Health and Environment

As for all fine powders, the handling of titanium dioxide pigments can give rise to airborne dust. Good industrial hygiene practice should be observed so as to avoid the generation and subsequent inhalation of dust. For more information refer to our material safety data sheet.

Storage

Keep the product unstacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the conditions stated above and use within 36 months from the production date.

Contact Details

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