

Technical Data Sheet

Suncide ZK

Zinc Oxide (and) Alumina
CAS# 1314-13-2 (and) 1344-28-1

Description

Suncide ZK is the effective preservative which shows good anti-bacterial performance compared to conventional preservatives. It has zinc oxide crystal structure doped a trivalent metal or efficient in oxygen. Its unique property contributes anti-bacterial, anti-dust & deodorizing functions. Also, it is antimony-free product which is made of environmentally friendly ZnO and Al.

Specifications

Item	Specification
Appearance	Light blue powder
ZnO Contents (wt.%)	≥ 97.0
Odor	Odorless

MIC Test

Item	MIC (ppm)
<i>Escherichia coli</i> (대장균)	1,250
<i>Staphylococcus aureus</i> (황색포도상구균)	1,250
<i>Candida albicans</i> (칸디다 알비칸스)	5,000
<i>Aspergillus niger</i> (흑색국균)	5,000

Function

- Anti-Bacteria
- Anti-dust, Anti-pollution
- Deodorization

Application

Functional ingredient with anti-bacterial, anti-dust, & deodorizing

Storage

Protect from sunlight. Store in a well-ventilated place. Store in a closed container.

Shelf Life

3 years