

ALOX-101	Technical Datasheet
-----------------	----------------------------

Chemical Name	ALUMINIUM OXIDE
Grade Name	ALOX-101
CAS No.	1344-28-1
HS Code	281820
EINECS No.	215-691-6
Molecular Formula	Al ₂ O ₃
Synonyms	<ul style="list-style-type: none"> Aluminium hydroxide Alumina

TEST	SPECIFICATION	METHOD
Appearance	Superfine micronized white powder	Visual
% Aluminium	Minimum 99.5%	AAS
% SiO ₂	Max 0.05%	XRF / AAS / ICP
% Fe ₂ O ₃	Max 0.05%	XRF / AAS / ICP
pH (1% Solution)	6-8	pH Meter
Particle Size D50 Microns	Max 2 Micron	Particle Size Analyzer (Wet Method)
Particle size D95-100 Microns	Max 10 Microns	Particle Size Analyzer (Wet method)

Product Information:

- Submicron ALOX-101 is a common ingredient in sunscreen.
- ALOX-101 is also used in cosmetics such as blush, lipstick, and nail polish.
- In refineries ALOX-101 is used as catalyst to convert hydrogen sulfide waste gases into elemental sulfur.
- ALOX-101 is used as Filler-Extender-Reinforcement.
- ALOX-101 is used for its Reflective decorative effects in Paints

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: Aluminium oxide is approved for use in food contact application as per the following chapter headings.

Title: 21-FOOD AND DRUGS
 Chapter: I-FOOD AND DRUG ADMINISTRATION - DEPARTMENT OF HEALTH AND HUMAN SERVICES
 Subchapter: B - FOOD FOR HUMAN CONSUMPTION (CONTINUED)
 Part: 176 - INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS
 Subpart: B - Substances for Use Only as Components of Paper and Paperboard
 Section: 176.180 Components of paper and paperboard in contact with dry food.

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.