



VASAS®

VASA PHARMACHEM PVT. LTD.



# OXIDES

## Oxides Introduction

VASA's Nutrimin "Oxides" are available in **IP/BP/EP/USP/JP/FCC/E-Series** grades with all required regulatory support for the Pharmaceutical, Nutraceutical, Food and Beverage and Personal Healthcare industry.

Vasa's Magnesium Oxide source from **BRINE** manufactured in a **dedicated plant** is available in very light fine powder (BD<0.1) to Heavy fine granules (BD>1.0) mainly used as antacids and laxatives in syrups, tablets and sachets and nutritional supplement in the nutraceutical industry and magnesium source in the food industry.

Zinc Oxide having antibacterial and antimicrobial effects is used in dermatological medications in the pharmaceutical industry and as a zinc supplement in the nutraceutical and food industries.

**Magnesium Oxide - Light**  
**Magnesium Oxide - Heavy**  
**Magnesium Oxide - Granular**  
**Magnesium Oxide - Extra Light**  
**Zinc Oxide**



### Tailor-made

#### NUTRIGRAN

(DIRECTLY COMPRESSIBLE GRADES)

- Magnesium Oxide DC
- Magnesium Oxide Microencapsulated 40% DC

#### NUTRIMIX

##### PREMIXES

- Magnesium Oxide DC granules for tablets
- Zinc Oxide Microencapsulated 40% for tablets

- **Acetates** • **Carbonates** • **Citrates** • **Gluconates** • **Lactates**
- **Malates** • **SSG** • **Stearates** • **MCC** • **CCS**



## Application

Products	Pharmaceutical				Nutraceutical			Food and Beverage			Personal Healthcare		
	Tablet	Capsule	Syrup	Sachet	Tablet	Capsule	Sachet	Dietary Supplement	Fortified Food	Food Additive	Cream	Lotion	Powder
<b>Magnesium Oxide</b> Light / Heavy / Granular / Extra Light	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
<b>Zinc Oxide</b>	✓									✓	✓	✓	✓

## Key Features

- Natural Origin
- BD range from 0.1- 1.0 gm/ml
- Mg Content – 60% w/w
- CaO content <1.1%
- Ultra-pure
- High Microbial Purity
- EO Free
- Endotoxin tested and Pyrogen free
- Consistent PSD for powders and granules
- Desired Functionality as per industry requirement
- Multicompendial
- Dedicated plant
- Low Heavy Metals

## Regulatory and Technical Support

Our products are multicompendial – IP/BP/EP/USP/JP/FCC/E-Series complying ICHQ7, IPEC and EU guidelines

Products	Free of											
	DMF	TDP	Allergen	GMO	TSE/BSE	EO	Nitro-samine	Residual Solvent	Gluten	Pesticide	Genotoxic Impurities	
<b>Magnesium Oxide</b> Light / Heavy / Granular / Extra Light	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>Zinc Oxide</b>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Storage – Store in tightly closed containers, Shelf Life – 60 months

Our Standard Pack Size - HDPE Bags/Drums (25-50 kg) and Jumbo Bags

Our technical support team is able to offer individual customer solutions and documents as per industry application and end use of the product



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