



SAFETY DATA SHEET

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1. CHEMICAL PRODUCT – COMPANY IDENTIFICATION.

Product name: Zinc Oxide

Common / Trade names: Zinc Oxide, Oxzinal.
Zinc Oxide, Máximo.

Application: Zinc oxide is widely used as an additive to many products in the ceramic, rubber, paints, animal feed, zinc compounds, pharmaceuticals, industries, etc...

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2. COMPOSITION AND INFORMATION ON INGREDIENTS.

Component	CAS Number	EC Number	Trade names of zinc oxide products		
			Oxzinal 800 to 821	Máximo 318, 414, 417W, 730, 819 to 996	Máximo 720, 721 and 725
Zinc Oxide, ZnO	1314-13-2	215-222-5	> 99.6 %	> 99.0 %	> 89.6%
Appearance and Odor	NA	NA	White powder, odorless	Creamy white powder, odorless	Brown powder, odorless

3. HAZARDS IDENTIFICATION

Inhalation: May cause respiratory tract irritation. Symptoms may include coughing and wheezing. Inhalation can cause flu-like symptoms (a clinical picture known as smelter fever). Lasts between 24 and 48 hours and is characterized by fever, muscle pain, headache and dry throat and mouth.

Accidental ingestion: Important oral ingestion can cause gastrointestinal tract irritation.

Skin contact: Not considered a health hazard by skin contact. Prolonged or repeated contact can cause moderate dermatitis in some individuals.

Eye contact: Not considered a health risk, although in cases of mass influx may cause irritation and burning eyes.

4. FIRST-AID MEASURES.

Inhalation: Move into fresh air and keep at rest. If the person is not breathing provide artificial respiration, if breathing is difficult, give oxygen. Get medical attention.

Ingestion: Ingestion of large quantities, get medical attention, never induce vomiting unless indicated by medical personnel.

Skin contact: Wash with soap and water and launder clothing before re-use. If irritation occurs get medical attention.

Eye contact: Immediately flush with plenty of water for up to 15 minutes holding the eyelids open. Get medical attention.

5. FIRE-FIGHTING MEASURES.

Flammability: Not flammable	Flash point: Not applicable.
Autoignition: Not applicable.	Flammable Limit: Not applicable.
Extinguishing Media: Use media appropriate to the environment.	Fighting Procedures: In case of fire in the environment, use protective equipment and self-protective clothing to prevent contact with skin and eyes.
Risks: Emits toxic fumes.	

6. ACCIDENTAL RELEASE MEASURES.

Personal precautions: Use personal protective equipment (see paragraph 8).

Precautions to protect the environment: Product dangerous to the environment in case of large spills or when the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local laws.

Clean Methods: Clean spills in a way that does not disperse dust into the air and place in suitable container. Dispose according to regulations.

The disposal area can be cleaned with water, but prevent it from spilling into a river or reservoir.

7. HANDLING AND STORAGE.

Precautions for safe handling.

No special handling required, we recommend the following general measures:

- Use personal protective equipment (see paragraph 8).
- Wash after handling.

Conditions for safe storage.

No special storage measures required; we recommend the following general measures:

- Store in a dry place.
- Do not expose to sun, heat or incompatible substances (see paragraph 10).
- Product life, Unlimited if tightly closed and dry.
- Place away from sources of ignition.
- Do not store with food.

Specific uses.

There are no other recommendations for the use of this product other than those already indicated.

8. EXPOSURE CONTROL / PERSONAL PROTECTION.

Exposures limit values.

Applicable specific control parameters for the job.

Name	VLA-ED*	VLA-EC*
Zinc Oxide	mg/m ³	mg/m ³
Respirable fraction	5	10

Information obtained from the Permissible Exposure Limit (PEL) of OSHA.

