

Zinc Oxide
SDS Revision Date: 03/26/2026

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SAFETY DATA SHEET

Section 1. IDENTIFICATION

Product Identifier used on the label:

Medi ♥ First Zinc Oxide 20 %

Other means of Identification:

Jar: 51511 16 oz (453g)

Recommended use of the chemical and restrictions on use:

: For External Use Only

: When using this product do not get into eyes

Chemical family

: Metal Oxide

Name, address, and telephone number of the supplier (Distributor/Repackager):

Medique Products

17080 Alico Commerce Ct. Ste 1

Fort Myers, FL, USA 33967

Supplier's Telephone #: 1-800-634-7680

Name, address, and telephone number of the supplier (Manufacturer):

Galentic Pharma (India) Pvt. Ltd.

Plot No. 5-B & 5-C, Sector – III, Kandla SEZ,

Gandhidham, Gujarat – 370230, India Manufacturer's

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical:

- Based on available data, not classified as hazardous according to the criteria of the Globally Harmonized System.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply. For informational purposes, this product would have the following OSHA Hazcom 2012 and WHMIS 2015 classification. This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification:

GHS Classification:

- None-Hazardous

Physical Hazards Not Otherwise Classified (PHNOC):

- : Not applicable

Hazards Not Otherwise Classified (HHNOC):

- Not applicable

Label elements:

Hazard pictogram(s):



Warning:

- Causes skin and eye irritation

Precautionary Statements:

- Avoid contact with eyes.

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- Wash hands thoroughly after handling.
- If skin irritation occurs, rinse with water and discontinue use.
- If eye contact occurs, rinse cautiously with water for several minutes; remove contact lenses if present. Move to fresh air if respiratory irritation occurs.

Other hazards:

- None known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common Name / Synonyms	CAS Number	Concentration (% w/w)
Zinc Oxide	--	1314-13-2	20 %
Cetareth 20	--	68439-49-6	*
Cetostearyl Alcohol	--	67762-27-0	*
Light Mineral Oil	--	92062-35-6	*
White Petrolatum	--	8009-03-8	*

*The exact concentrations of the excipients are confidential.

SECTION 4: FIRST-AID MEASURES

Description of First Aid Measures:

Inhalation:

- Harmful effects are not expected under normal usage. Move victim to fresh air. If signs/symptoms continue, get medical attention.

Ingestion:

- The product is used for external/topical use only. Harmful effects are not expected under normal usage. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Skin Contact:

- Harmful effects are not expected under normal usage. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact:

- If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.

Most important symptoms and effects, both acute and delayed:

- No significant acute or delayed health effects are expected under normal conditions of use. Mild, temporary skin or eye irritation may occur in sensitive individuals. No chronic effects are known

Indication of any immediate medical attention and special treatment needed:

- Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

Suitable extinguishing media:

- Use extinguishing agent suitable for type of surrounding fire.
- Use water spray, dry chemical, or carbon dioxide

Unsuitable extinguishing agent:

- None known.

Special hazards arising from the substance or mixture / conditions of flammability:

- If heated to high temperatures for a prolonged period this product can ignite. When involved in a fire, this material may decompose and product irritation vapors and toxic compounds (including carbon, zinc and nitrogen oxides).

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Flammability classification (OSHA 29 CFR 1910.106):

- Not flammable

Hazardous combustion products:

- None known.

Special protective equipment and precautions for firefighters:

- Wear suitable protective equipment.

Protective equipment for fire-fighters:

- Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.

Special fire-fighting procedures:

- Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

- Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear appropriate personal protective equipment. Collect material and place in suitable containers for disposal.

Environmental precautions:

- Avoid release to the environment

Methods and material for containment and cleaning up:

- Wipe up with absorbent material.

Special spill response procedures:

- Not applicable.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

- Do not ingest or swallow. Keep away from extreme heat and direct flame. Observe good industrial hygiene practices. Wear Safety glasses and appropriate gloves.

Conditions for safe storage:

- Keep out of reach of children.
- Store between 15° - 30°C (59°-86°F)

Incompatible materials:

- Not Available

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	ACGIH TLV (TWA)		OSHA PEL (TWA)	
	TWA	STEL	TWA	STEL
Zinc Oxide	2 mg/m ³ (respirable particulate matter)	10 mg/m ³ (respirable particulate matter)	5 mg/m ³	--

Exposure Controls:

Ventilation and engineering measures:

- None required under normal conditions.

Respiratory protection:

- Dust respirator, self-contained breathing apparatus(SCBA), supplied air respirator, etc. Use respirators approved under appropriate government standards and follow local and national regulations.

Eye/Face Protection:

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- Safety goggles. A face-shield, if the situation
- Skin Protection:
- Impervious protective clothing. Protective boots if the situation requires.
- Other Protective equipment:
- None required when used as intended.
- General hygiene considerations:
- Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White ointment
Colour	White
Odor	Not Available
Odour threshold	Not Available
pH	6.500 – 8.500
Melting Point/Freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flash point	Not Available
Flashpoint (Method)	Not Available
Evaporation rate (BuAe = 1)	Not Available
Flammability	Not Available
Lower explosion or flammability limit (% by vol.)	Not Available
Upper explosion or flammability limit (% by vol.)	Not Available
Oxidizing properties	Not Available
Explosive properties	Not Available
Vapour pressure	Not Available
Relative vapour density	Not Available
Relative density / Specific gravity	Not Available
Solubility in water	Not Available
Other solubility(ies)	Not Available
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	300.00 – 800.00 cP
Particle characteristics	Not Available
Volatiles (% by weight)	Not Available
Volatile organic Compounds (VOC's)	Not Available
Absolute pressure of container	Not Available
Flame projection length	Not Available
Other physical/chemical comments	Not Available

SECTION 10: STABILITY AND REACTIVITY

- Reactivity:
- The product is stable and non-reactive under normal conditions of use, storage and transport.
- Chemical Stability:
- Material is stable under normal conditions.
- Possibility of hazardous reactions:
- Not available.
- Conditions to avoid:
- Keep away from heat, sparks and open, moisture
- Incompatible materials
- This product is generally compatible with other common materials in a medical facility. Acids, caustics, and other chemicals that could affect its performance should be avoided.
- Hazardous Decomposition Products:
- No hazardous decompositions. If exposed to extremely high temperatures, thermal decomposition may generate irritation fumes and toxic gases (e.g., carbon oxides and zinc compounds).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure:

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Routes of entry inhalation:

- Inhalation of mists or sprays of this product, especially in a poorly ventilated space may cause irritation, coughing, and sneezing.

Routes of entry skin & eye:

- Skin contact is not expected to cause adverse effects. Eye contact can cause irritation, stinging, redness, and tearing.

Routes of entry Ingestion:

- Swallowing may cause gastrointestinal distress.

Routes of exposure skin absorption:

- None expected when used as intended.

Potential Health Effects:

- None expected when used as intended.

Signs and symptoms of short-term (acute) exposure:

Sign and symptoms Inhalation:

- None expected when used as intended.

Sign and symptoms ingestion:

- None expected when used as intended.

Sign and symptoms skin:

- None expected when used as intended.

Sign and symptoms eyes:

- None expected when used as intended.

Potential Chronic Health Effects:

- None expected, when used as intended

Mutagenicity:

- None expected, when used as intended

Carcinogenicity:

- None expected, when used as intended

Reproductive effects & Teratogenicity:

- None expected, when used as intended

Sensitization to material:

- None expected, when used as intended

Specific target organ effects:

- None expected, when used as intended

Medical conditions aggravated by overexposure:

- Not Available.

Synergistic materials:

- Not Available.

Toxicological data:

- Not Available

Chemical Name	LC ₅₀	LD ₅₀	
		(Oral, mouse)	(Mouse, dermal)
Zinc Oxide	LC50 (mouse) = 2,500 mg/m3	7950 mg/kg	2500 mg/m3

Other important toxicological hazards:

- Not applicable

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

- Not Available

Ecotoxicity data:

- Not Available

Ingredients	CAS #	Toxicity to Fish		
		C50/96h	NOEC/21 day	M Factor
Zinc Oxide	1314-13-2	N/Av	N/Av	N/Av

Ingredients	CAS #	Toxicity to Daphnia		
		C50/96h	NOEC/21 day	M Factor

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Zinc Oxide	1314-13-2	N/Av	N/Av	N/Av
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Ingredients	CAS #	Toxicity to Algae		
		C50/96h	NOEC/21 day	M Factor
Zinc Oxide	1314-13-2	N/Av	N/Av	N/Av

Persistence and degradability:

- Not Available

Bioaccumulation potential:

- Not Available

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
404-86-4	N/Av	N/Av

Mobility in soil:

- Not Available

Other Adverse Environmental effects:

- Not Known

RCRA:

- Not Applicable

SECTION 13: DISPOSAL CONSIDERATIONS

Handling for Disposal:

- Dispose of in accordance with local regulations.

Methods of Disposal:

- Dispose of in accordance with local regulations.

Regulatory Information	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Label
49CFR/DOT	None	Not Regulated	Not Regulated	None	None
49CFR/DOT Additional information	None				
TDG	None	Not Regulated	Not Regulated	None	None
TDG Additional Information	None				
ICAO/IATA	None	Not Regulated	Not Regulated	None	None
ICAO/IATA Additional Information	None				
IMDG	None	Not Regulated	Not Regulated	None	None
IMDG Additional Information	None				

SECTION 14: TRANSPORT INFORMATION

DOT (US):

- Not regulated as a hazardous material by DOT.

IATA:

- Not regulated as a dangerous good.

Special precautions for user:

- Keep away from heat and flame.

Environmental hazards:

- Not Applicable.

SECTION 15: REGULATORY INFORMATION

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U.S. Federal Regulations:

Components listed below are present of the following US Federal Chemical Lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (\$ CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	De Minimis Concentration
Zinc Oxide	1314-13-2	Yes	N/Ap	N/Av	No	No

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65	
		Listed	Type of Toxicity
Zinc Oxide	1314-13-2	No	N/Ap

Canadian Information:

- All components of this product are on the Canadian DSL list.

International Information:

Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	New Zealand IOC
Zinc Oxide	1314-13-2	215-222-5	Present	Present	(3)-711	No	No	Does not have an individual approval but may be used under an appropriate group standard

SECTION 16: OTHER INFORMATION (UPDATED)

Legend:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CFR: Code of Federal Regulations
- DOT: Department of Transportation
- DSL: Domestic Substances List
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- IMDG: International Maritime Dangerous Goods
- LC: Lethal Concentration
- LD: Lethal Dose
- N/Ap: Not Applicable
- N/Av: Not Available
- NOEC: No observable effect concentration
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average

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