

# MATERIAL SAFETY DATA SHEET

**Manufacturer's Name:** ALTANA INC.  
**Divisions:** E. FOUGERA & COMPANY DIVISION  
 PHARMADERM DIVISION  
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**Street Address:** 60 BAYLIS ROAD  
**City, State, Zip Code:** MELVILLE, NEW YORK 11747  
**Emergency Telephone No.:** (631) 454-7677

## SECTION 1: IDENTITY

<b>Product Name:</b>	Zinc Oxide Ointment USP
<b>Synonyms:</b>	Not applicable.
<b>CAS #:</b>	Not applicable.
<b>Chemical Family:</b>	Metal oxide in saturated hydrocarbon (alkane).
<b>Formula:</b>	Zinc Oxide USP, Mineral Oil USP, White Wax NF (Beeswax), White Petrolatum USP.

## SECTION 2: SAFETY and HAZARD RATINGS

<b>Health (Acute-Chronic):</b>	1-0	<b>RATINGS</b>										
<b>Flammability:</b>	1											
<b>Reactivity:</b>	0											
<b>Environment (Air-Water-Soil):</b>	0-2-1											
<b>Special Hazards:</b>	None.											
<b>Protective Equipment:</b>	General ventilation, eye and hand wash. Use apron, gloves and safety glasses (not during standard application).	<table border="1"> <tr> <td>Minimal</td> <td>0</td> </tr> <tr> <td>Slight</td> <td>1</td> </tr> <tr> <td>Moderate</td> <td>2</td> </tr> <tr> <td>Severe</td> <td>3</td> </tr> <tr> <td>Extreme</td> <td>4</td> </tr> </table>	Minimal	0	Slight	1	Moderate	2	Severe	3	Extreme	4
Minimal	0											
Slight	1											
Moderate	2											
Severe	3											
Extreme	4											

## SECTION 3: EMERGENCY and FIRST AID PROCEDURES

<b>Eyes:</b>	Flush eyes with plenty of water for at least 15 minutes.
<b>Skin:</b>	Wash thoroughly with soap and water.
<b>Ingestion:</b>	Give two glasses of water and induce vomiting. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration.

**CALL A PHYSICIAN**  
**CONTACT A POISON CONTROL CENTER**

## SECTION 4: INGREDIENTS

NAME	CAS#	%	CARCINOGEN			HAZARD DATA	
			IARC	NTP	OSHA	ACGIH TLV	OSHA PEL
Zinc Oxide	1314-13-2		no	n	no	not established	
White Wax (Beeswax)	8006-40-4		no	no	no	not established	
White Petrolatum	8009-03-8		no	no	no	not established	
Mineral Oil	8042-47-5		no	no	no	0.2mg/m <sup>3</sup>	5.0mg/m <sup>3</sup> *

\*as mist

**SECTION 5: FIRE and EXPLOSION HAZARD DATA**

Flash Point:	Not indicated.
Auto-ignition Temperature °F:	Not indicated.
Flammable Limits in Air by Volume LEL:	Not indicated.
UEL:	Not indicated.
Extinguishing Media:	Alcohol Foam, Dry chemical, Water fog.
Special Fire Fighting Procedures:	Wear protective clothing and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:	Zinc oxide fume.

**SECTION 6: REACTIVITY DATA (PHYSICAL HAZARDS)**

Stability:	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable
Conditions and Chemicals to Avoid:	Avoid oxidants and extreme heat.
Hazardous Combustion or Decomposition Products:	Zinc oxide fumes and Carbon monoxide.
Hazardous Polymerization:	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur

**SECTION 7: HEALTH HAZARDS**

Primary Route(s) of Entry:	Dermal, Ingestion.
<u>Signs and Symptoms of Exposure</u>	
a. Overexposure Effects:	May cause irritation of the eyes and skin.
b. Chronic Effects:	Not indicated.
1. Inhalation:	None expected under normal conditions of use.
2. Eyes:	May cause irritation. Not for ophthalmic use.
3. Skin:	None expected under normal conditions of use.
4. Ingestion:	May act as a laxative effect.
5. Medical Conditions Potentially Aggravated:	Not indicated.

**SECTION 8: SPECIAL PRECAUTIONS and SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling/Storage:	Keep container closed when not in use. Avoid oxidants and extreme heat.
Hygienic Practices:	Wash thoroughly after handling. Use normal hygiene to protect hands, eyes and skin. Use general ventilation to protect your lungs. Do not wear contaminated clothing until thoroughly laundered.
When Material is Released or Spilled:	Assure slippery conditions are nullified. Add sand or dirt. Scoop up and remove. Wash area with soap and water. Dispose of in accordance with federal, state and local regulations.
Waste Disposal Methods:	Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved incineration or chemical landfill waste disposal site.

**SECTION 9: SPECIAL PROTECTION INFORMATION**

<b>Respiratory Protection:</b>	General ventilation.
<b>Skin Protection:</b>	Normal hygiene.
<b>Eye Protection:</b>	Normal hygiene.
<b>Other Protective Clothing or Equipment:</b>	As needed to prevent repeated/prolonged contact.

**SECTION 10: CONTAINERS and LABELING**

<b>Special Precautions:</b>	Keep container closed when not in use. Avoid oxidants and extreme heat.
<b>Recommended Container:</b>	As supplied (not sold in bulk quantity).
<b>Protect the Container by:</b>	Avoid physical damage and heat.
<b>Container Should be Handled in an Area with:</b>	Adequate, general ventilation.
<b>The Empty Container is:</b>	Not reusable.
<b>Precautionary Label:</b>	For external use only. Not for ophthalmic use.
<b>Warning Placard:</b>	Keep Out of Reach of Children.
<b>IMO Hazard Class #:</b>	Not applicable.
<b>UN/NA #:</b>	Not applicable.
<b>Hazard Classification:</b>	Not applicable.
<b>DOT Name:</b>	Not applicable.
<b>Shipping Instructions:</b>	Keep away from strong oxidants and extreme heat.

**SECTION 11: ENVIRONMENTAL RISKS**

<b>Aquatic Toxicity:</b>	Not indicated.
<b>Biodegradability:</b>	Not indicated.
<b>Partition Coefficient:</b>	Not indicated.

**SECTION 12: REGULATORY INFORMATION**

<b>Refer to the following references:</b>	<b>OSHA Regulations:</b>	If respirator used, 29 CFR 1910.134.	
	<b>DOT Regulations:</b>	Not applicable.	
	<b>EPA Regulations:</b>	Not applicable	
	<b>Other:</b>	<b>FDA:</b>	21 CFR 330.5
		<b>NDC:</b>	0168-0062-31 0168-0062-02 0168-0062-16

**SECTION 13: PHYSICAL DATA**

Appearance and Odor:	A white ointment with a faint odor.
Molecular Weight:	Not applicable.
pH:	Not indicated.
Refractive Index @ 20°C:	Not indicated.
Viscosity @ 25°C:	Not indicated.
Boiling Point:	>121°F (>250°C)
Freezing/Melting Point:	Not indicated.
Congeaing Point:	Not determined.
Vapor Pressure (mm Hg @ 20°C):	<1
Vapor Density (Air=1):	0
Solubility in Water:	Insoluble.
Solubility in Alcohol:	Not indicated.
Solubility in Oil:	Not indicated.
Solubility in Other:	Not indicated.
Specific Gravity (H <sub>2</sub> O=1):	1.01 @ 20°C
% Volatile by Volume:	Not indicated.
Evaporation Rate (Ether=1):	0.00

Date of Preparation/Change:  
March 31, 2003

Revision # 2

Replaces  
April 29, 1992

The information presented herein relates to the specific material described and may not be valid for this material used in combination with any other materials or in any process. This information is, to the best of our knowledge, accurate and reliable on the date compiled. We make no representation, warranty or guarantee as to its accuracy, reliability or completeness.

It is the reader's responsibility to ascertain whether the information supplied is suitable and complete for that person's specific uses. This Material Safety Data Sheet was prepared for ALTANA INC. by:

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