

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.-Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

58

IDENTITY (As Used on Label and Label) Ziroxide or Prophylident (with Fluoride) Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name <u>Medical Products Laboratories</u>	Emergency Telephone Number <u>215-677-2700</u>
Address (Number, Street, City, State, and ZIP Code) <u>9990 Global Rd. Phila., Pa. 19115</u>	Telephone Number for Information <u>677-2700</u>
	Date Prepared <u>5-6-</u>
	Signature of Preparer (optional)

Section II -- Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	44 / 1000
<u>Sodium Fluoride</u>	<u>0.5 ppm</u>	<u>0.5 ppm</u>	<u>N/I</u>	
<u>Saccharin Sodium</u>	<u>N/I</u>	<u>N/I</u>	<u>N/I</u>	
<u>Phosphoric Acid</u>	<u>1 mg/m³</u>	<u>1mg/m³</u>	<u>N/I</u>	
<u>Sodium Hydroxide</u>	<u>2 mg/m³</u>	<u>2mg/m³</u>	<u>N/I</u>	

Section III -- Physical/Chemical Characteristics

Boiling Point	<u>N/A</u>	Specific Gravity (H ₂ O = 1)	<u>N/A</u>
Vapor Pressure (mm Hg.)	<u>N/A</u>	Melting Point	<u>N/A</u>
Vapor Density (AIR = 1)	<u>N/A</u>	Evaporation Rate (Butyl Acetate = 1)	<u>N/A</u>

Solubility in Water

insoluble

Appearance and Odor

mint flavored prophylactic paste

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) <u>N/A</u>	Flammable Limits <u>Nonflammable</u>	LEL <u>N/A</u>	UEL <u>N/A</u>
---	---	-------------------	-------------------

Extinguishing Media

CO₂, water spray or dry chemical.

Special Fire Fighting Procedures

None

Usual Fire and Explosion Hazards

None

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None under anticipated normal use.

Incompatibility (Materials to Avoid)

None under anticipated normal use.

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Swallow?	Injection?
	yes	yes	yes

Health Hazards (Acute and Chronic)

Poisonous when taken internally. Long term exposure can lead to muscular weakness, fluorosis, dermatitis.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Required?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

Nausea and vomiting. Abdominal distress. Mild irritation to skin and eyes.

Medical Conditions

Generally Aggravated by Exposure Hypersensitivity to the material.

Emergency and First Aid Procedures

If swallowed, induce vomiting using one tablespoon ipecac or large quantities of milk. Get medical attention. In case of contact, flush with large quantities of running water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Wash with plenty of water, mop.

Waste Disposal Method

Follow applicable federal, state and local regulations.

Precautions to Be Taken in Handling and Storing

Wash hands with soap and water after handling. container tightly closed.

Other Precautions

Keep out of reach of children.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None required under normal anticipated use.

Ventilation	Local Exhaust	Room ventilation	Special	None
	Mechanical (General)	N/A	Other	None

Protective Gloves

Plastic gloves recommended.

Eye Protection

N/A

Other Protective Clothing or Equipment

None

Work/Hygiene Practices

Wash hands with soap and water after each handling.

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

58

IDENTITY (As Used on Label and List)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate this.

Section I Ziroxide or Prophydent (regular)

Manufacturer's Name Medical Products Laboratories	Emergency Telephone Number 215-677-2700
Address (Number, Street, City, State, and ZIP Code) 9990 Global Rd. Phila., Pa. 19115	Telephone Number for Information 677-2700
	Date Prepared 6/87
	Signature of Preparer (Name and Title)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (app)
Saccharin Sodium	N/I	N/I	N/A	

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

Insoluble

Appearance and Odor

Mint flavored prophylactic paste.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	UEL	N/A	UEL	N/A
---------------------------	-----	------------------	-----	-----	-----	-----	-----

Extinguishing Media

CO₂, water spray, dry chemical.

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None

(Reproduce locally)

OSHA 174, Sept

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	none under anticipated normal use.

Incompatibility (Materials to Avoid) strong oxidizing agents

Hazardous Decomposition or Byproducts emits toxic fumes when heated to decomposition.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	none

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? yes Skin? yes Ingestion? yes

Health Hazards (Acute and Chronic) swallowing large quantities causes numbness, nausea, vomiting. Irritating to eyes.

Carcinogenicity: NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A

Signs and Symptoms of Exposure numbness in nose and throat, mild irritation.

Medical Conditions Generally Aggravated by Exposure hypersensitivity to the material.

Emergency and First Aid Procedures In case of eye and skin contact, flush with large quantities of water. In case of accidental swallowing, get medical attention immediately.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Mop or wipe off and dispose off the material in D.O.T. approved waste container. Comply with all applicable government regulations.

Waste Disposal Method Follow applicable federal, state, local government regulations.

Precautions to Be Taken in Handling and Storing Wash hands with soap and water after each handling. Keep container tightly closed away from heat.

Other Precautions keep out of reach of children.

Section VIII — Control Measures

Respiratory Protection (Specify Type) none under normal anticipated use

Ventilation	Local Exhaust		Special
	Room ventilation		none
	Mechanical (General)	none	Other N/A

Protective Gloves Recommended Eye Protection Not required.

Other Protective Clothing or Equipment N/A

Work/Hygiene Practices Wash hands with soap and water after each handling.