



# Zip Snap Wax

## Safety Data Sheet

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products

Date of issue: 26 October 2023

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name. : Zip Snap Wax

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Zipper wax

#### 1.3. Details of the supplier of the safety data sheet

Manufacturer:

Bohning Company Ltd.  
7361 North Seven Mile Road  
Lake City, MI 49651  
Tel: 231-229-4247

#### 1.4. Emergency telephone number

Emergency number : HAZMAT +1-800-373-7542 (24 hours)  
HAZMAT (International Shipments) +1-484-951-2432 (24 hours)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

GHS-US classification

Not classified

WHMIS Classification

#### 2.2. Label elements

GHS-US labelling

No labelling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Microcrystalline wax	(CAS No) 63231-60-7	32 - 50	Not classified
Glycerides, C16-22 and C18-unsaturated	(CAS No) 68424-60-2	12 - 24	Not classified
Paraffin waxes and Hydrocarbon waxes	(CAS No) 8002-74-2	8 - 16	Not classified
Octylphenol ethoxylate	(CAS No) 9036-19-5	12	Not classified
Stearic acid	(CAS No) 57-11-4	2 - 8	Not classified
Tallow oil	(CAS No) 61789-97-7	2 - 8	Not classified
White mineral oil, petroleum	(CAS No) 8042-47-5	4.7	Asp. Tox. 1, H304
Polyethylene glycol	(CAS No) 25322-68-3	0.4	Not classified

#### Stearic acid (57-11-4)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

#### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

#### Octylphenol ethoxylate (9036-19-5)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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### White mineral oil, petroleum (8042-47-5)

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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### Tallow oil (61789-97-7)

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Risk of thermal burns on contact with molten product. After contact with molten product, cool skin area rapidly with cold water. Burns caused by molten material must be treated clinically.
First-aid measures after inhalation	: Vaporization is not expected at ambient temperatures. . If user operations generate dust or fumes, . Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Keep eye wide open while rinsing. If eyelids are bonded closed release eyelashes with warm water by covering the eye with a wet pad. Do not force eyelids open. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use. Vapors from molten wax may cause irritation and tearing. Risk of thermal burns on contact with molten product.
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### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Precautionary measures fire	: When heated, material emits irritating fumes.
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection. In case of fire: Wear self-contained breathing apparatus.
Other information	: Material spilled on hard surface can present a serious slipping/falling hazard. When heated, material emits irritating fumes.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Ensure adequate ventilation. Keep away from sources of ignition. - No smoking. Wear protective clothing.
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#### 6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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#### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material, e.g.: sand. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.
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### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

# Zip Snap Wax

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Avoid any direct contact with the product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Material spilled on hard surface can present a serious slipping/falling hazard.
- Hygiene measures : Do not eat, drink or smoke when using this product. Take care for general good hygiene and housekeeping.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
- Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place. keep away from incompatible materials. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Storage area : Ensure adequate ventilation of the storage area.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Paraffin waxes and Hydrocarbon waxes (8002-74-2)		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Alberta	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
British Columbia	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Manitoba	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
New Brunswick	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
New Foundland & Labrador	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Nova Scotia	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Nunavut	OEL STEL (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
Nunavut	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Northwest Territories	OEL STEL (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
Northwest Territories	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Ontario	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Prince Edward Island	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Québec	VEMP (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Saskatchewan	OEL STEL (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Saskatchewan	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Yukon	OEL STEL (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
Yukon	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

#### 8.2. Exposure controls

- Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate ventilation.
- Personal protective equipment : Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles. The following pictograms represent the minimum requirements for personal protective equipment.



- Hand protection : Wear protective gloves. NBR (Nitrile rubber). neoprene/natural rubber. Breakthrough times and swelling properties of the material must be taken into consideration.
- Eye protection : Chemical goggles or safety glasses. with side-shields.
- Skin and body protection : Wear work clothes with long sleeves.
- Respiratory protection : Wear appropriate mask.
- Other information : Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: wax.
Colour	: white.
odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 176 °C (348.8 °F)
Self ignition temperature	: Product is not self igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: > 1 g/cm <sup>3</sup>
Solubility	: Water: Miscible
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

strong acids. Strong bases. Reducing agents. Oxidizing agents.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Microcrystalline wax (63231-60-7)	
LD50 oral rat	10000 mg/kg
LD50 dermal rabbit	> 3600 mg/kg
ATE (oral)	10000.000 mg/kg bodyweight

Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
LD50 oral rat	> 3750 mg/kg
LD50 dermal rabbit	> 3600 mg/kg

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White mineral oil, petroleum (8042-47-5)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5 mg/l/4h

Polyethylene glycol (25322-68-3)	
LD50 dermal rabbit	> 20 ml/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified. Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified. Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified. Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified. Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

White mineral oil, petroleum (8042-47-5)	
LC50 fishes 1	> 10000 mg/l 96 hours
EC50 Daphnia 1	> 48 mg/l 48 hours
LC50 fish 2	> 100 mg/l 96 hours
ErC50 (algae)	> 100 mg/l 72 hours

Polyethylene glycol (25322-68-3)	
LC50 fishes 1	> 5000 mg/l (Exposure time: 24 h - Species: Carassius auratus)

### 12.2. Persistence and degradability

Zip Snap Wax	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

Zip Snap Wax	
Bioaccumulative potential	Not established.

Microcrystalline wax (63231-60-7)	
Log Pow	> 6

White mineral oil, petroleum (8042-47-5)	
Log Pow	> 6

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. It is the responsibility of the user to determine if disposal material is hazardous according to federal, state and local regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

### 14.1. UN number

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### 14.2. UN proper shipping name

Not applicable

### 14.2 Additional information

Other information : No supplementary information available.

#### Overland transport

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

## SECTION 15: Regulatory information

### CANADA

#### Microcrystalline wax (63231-60-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Stearic acid (57-11-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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#### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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#### Glycerides, C16-22 and C18-unsaturated (68424-60-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Octylphenol ethoxylate (9036-19-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
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#### White mineral oil, petroleum (8042-47-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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#### Polyethylene glycol (25322-68-3)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Tallow oil (61789-97-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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### 15.2. International regulations

#### Microcrystalline wax (63231-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Stearic acid (57-11-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### Glycerides, C16-22 and C18-unsaturated (68424-60-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### Octylphenol ethoxylate (9036-19-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### White mineral oil, petroleum (8042-47-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### Polyethylene glycol (25322-68-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### Tallow oil (61789-97-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

## EU-Regulations

### Microcrystalline wax (63231-60-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Listed on European List of Notified Chemical Substances (ELINCS)

### Stearic acid (57-11-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

### Glycerides, C16-22 and C18-unsaturated (68424-60-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

### White mineral oil, petroleum (8042-47-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

### Polyethylene glycol (25322-68-3)

Listed on the EU - No-Longer Polymers List (67/548/EEC)

### Tallow oil (61789-97-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

## Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

### 15.2.2. National regulations

### Microcrystalline wax (63231-60-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

### Stearic acid (57-11-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)  
Listed on the Canadian Ingredient Disclosure List



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### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

### Glycerides, C16-22 and C18-unsaturated (68424-60-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)

### Octylphenol ethoxylate (9036-19-5)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)  
Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on the Canadian Ingredient Disclosure List

### White mineral oil, petroleum (8042-47-5)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

### Polyethylene glycol (25322-68-3)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

### Tallow oil (61789-97-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

## SECTION 16: Other information

Other information : None.

Full text of H-phrases: see section 16:

Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways

SDS Canada (GHS)

*The conditions of handling, storage, use and disposal of the product covered by this SDS are beyond the control and knowledge of Bohning Archery. Therefore we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This SDS meets the requirements specified in 29 CFR 1910.1200. Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product*