

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: Microcrystalline Wax

Distributor: Henry Schein Inc

SDS Current Version as per Manufacturer as at January 2021

Supplier Details: Henry Schein New Zealand  
23 William Pickering Drive, Albany  
PO Box 101 140, North Shore, Auckland 0745  
Ph. 0800 808 855  
[www.henryschein.co.nz](http://www.henryschein.co.nz)

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –  
0800POISON/0800764766 (24 Hours)  
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: Non-Hazardous

HSNO Group Standard: Non-Hazardous

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared - January 2021

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

# Safety Data Sheet

**DISTRIBUTED BY:** HENRY SCHEIN, INC.  
**ADDRESS:** 135 DURYE A ROAD  
**CITY, STATE, ZIP:** MELVILL, NY 11747  
**TELEPHONE:** 1-800-472-4346  
**EMERGENCY:** CHEMTREC 1-800-424-9300  
**DATE PREPARED:** 02/05/2014

## 1. Identification of the substance/device and manufacturer:

Patient Wax 106-8541

**Identification of the Substance or preparation:** Microcrystalline Wax

**Use of substance/preparation:** Microcrystalline waxes typically used as a blending base in a variety of applications including cosmetic, pharmaceutical, food and general industrial.

## HMOS RATING USA

|                         |                 |               |        |
|-------------------------|-----------------|---------------|--------|
| Microcrystalline Wax: 0 | Flammability: 1 | Reactivity: 0 | PPI: - |
|-------------------------|-----------------|---------------|--------|

## 2. Composition, information on ingredients:

| INGREDIENT           | % BY WEIGHT | CAS #      | HAZARD | DANGER SYMBOL(S) |
|----------------------|-------------|------------|--------|------------------|
| Microcrystalline Wax | 100         | 63231-60-7 |        |                  |

## 3. Hazards identification:

**GHA Classification:** Not classified as dangerous under EC/GHS-criteria

**Human Health Hazards:** None

**Physico-chemical and environmental hazards and effects:** Normal

## 4. First aid measures:

**Eye Contact:** WHEN MOLTEN ONLY (molten product can cause thermal burns) – Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

**Skin Contact:** WHEN MOLTEN ONLY (molten product can cause thermal burns) – In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with cold water for at least 15 minutes while removing contaminated clothing shoes.

**Inhalation:** No emergency care anticipated. WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately. Exposed person should be kept under medical observation for at least 48 hours because delayed effects may occur.

**Ingestion:** WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately. This is not a toxic substance.

## 5. Fire fighting measures:

**Flash Point:** >93.4°C (200°F) PMCC ASTM D93

### NFPA CLASSIFICATION USA

|           |                 |               |                       |
|-----------|-----------------|---------------|-----------------------|
| Health: 0 | Flammability: 1 | Reactivity: 0 | Special Provisions: - |
|-----------|-----------------|---------------|-----------------------|

**Autoignition Temperature:**

**Flammable Limits:**

**Special Fire Fighting Procedures:** Self-contained breathing apparatus. **Extinguishing Media:**

**Suitable:** Treat as an oil fire:

- Dry Chemical
- Carbon dioxide (in case of small fires)
- Water fog
- Foam

**Unsuitable:** Do not use water jet. Oil will float on water and can spread any fire.

**Unusual Fire and Explosion Hazards:** Following products may be produced during fire: Oxides of carbon.

## 6. Accidental release measures:

**Personal Precautions:** Wear suitable protective equipment.

**Environmental Precautions:** Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

**Method for cleaning up:** Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape and/or shovel material. Stop the leak if it can be done without risk. Floor may be slippery; use care to avoid falling.

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## 7. Handling and storage:

**Handling:** Do not handle at temperatures  $>+40^{\circ}\text{C}$ , unless wearing appropriate protective equipment.

**Ventilation:** General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

### Storage

**Storage Requirements:** Keep away from heat, sparks and flame. Do not store at temperatures:  $>+40^{\circ}\text{C}$  without proper safety review of storage equipment. Store protected from light.

## 8. Exposure controls/personal protection:

**Exposure Limit Values:** No exposure limits have been established.

### OCCUPATIONAL EXPOSURE CONTROLS

**Respiratory Protection:** Non expected to be needed

**Hand protection/protective gloves:** Wear oil resistant gloves. WHEN MOLTEN ONLY: wear gloves impervious to this material and able to resist and protect employees from the elevated temperature.

**Eye Protection:** WHEN MOLTEN ONLY: Face shield or chemical splash goggles in case of splashing.

**Skin Protection:** WHEN MOLTEN ONLY: Wear protective clothing, such as long sleeves to minimize skin contact.

**Environmental Exposure Controls:** None expected to be needed.

## 9. Physical and chemical properties:

**Appearance (physical state, color, etc);** Solid, White to yellow **Upper/lower flammability or explosive limits;**

**Oder;** None or Mild Petroleum

**Vapor pressure;**

**Oder threshold;** N/A

**pH;** N/A

**Relative density;**

**Melting point/freezing point;**

**Solubility(ies) in water;** Insoluble

**Initial boiling point and boiling range;**  $> 230^{\circ}\text{C}$

**Flash point;**  $>93.4^{\circ}\text{C}$  (200°F) Method: PMCC < ASTM D93 **Evaporation rate;**

**Flammability (solid, gas);**

**Upper/lower flammability or explosive limits:**

**Vapor pressure;**  $<0.1$  kPa at  $20^{\circ}\text{C}$

**Vapor density;** N/A

**Relative density;**

**Solubility(ies); in organic solvents:** Soluble

**Partition coefficient; n-octanol/water;**

**Auto-ignition temperature;** No Data

**Decomposition temperature; and**

**Viscosity.**

**Upper & Lower Explosion Limits:** Not Determined

**Kinematic Viscosity:** 13-18,,2/s at  $100^{\circ}\text{C}$

**Specific Gravity (H<sub>2</sub>O=1):** <1

**Partitioning Coefficient:** Log POW:>6 This product is soluble in oil

**Density:**  $>0.80$  g/cm<sup>3</sup> at  $100^{\circ}\text{C}$

**Melting Point;**  $54-102^{\circ}\text{C}$  unless specified below

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## 10. Stability and reactivity:

**Stability:** Stable

**Conditions/Materials to avoid:** Extreme temperature and direct sunlight/ultraviolet light and strong oxidizing agents.

**Hazardous Combustion Products:** Burning can produce the following combustion products: Oxides of carbon and Soot.

**Hazardous Polymerization:** Will not occur

## 11. Toxicological information:

**General:** No evidence of harmful effects from available information.

## 12. Ecological information:

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant.

## 13. Disposal considerations:

Dispose of in accordance with appropriate Federal, State and local regulations or incinerate.

## 14. Transport information:

### ADR/RID

(When transported at <100°C) This product is not regulated by ADR.

When transported above >100°C – UN3257 ELEVATED TEMPERAURE LIQUIDS, N.O.S. (9), III,  
**Class:** 9 (M9), **UN No.:** 3257, **Packaging Group:** III, **Hazard No.:** 99, **Label:** 9, **Technical Description:** Microcrystalline Wax

Freight Description Road: 65 Petroleum Oil, N.O.I.B.N.

**IMDG/ICAO:** This product is not regulated by IMDG/ICAO.

FORBIDDEN BY AIR @ >= 100°C

**TDG-CANADA:** This product is not regulated by TDG.

## 15. Regulatory information:

**EC/GHS Classification:** According to EC/GHS regulations this product is not classified or labeled

| Chemical Name        | CAS #      |
|----------------------|------------|
| Microcrystalline Wax | 63231-60-7 |

**EPA Hazard Categories (SATA 311, 312):** None

**WHMIS Classification:** This product is not a WHMIS controlled product.

### Chemical Inventory:

**Canada:** The ingredients of this product are on the DSL.

**Europe:** The ingredients of this product are on the EINECS inventory.

**United States:** The ingredients of this product are on the TSCA inventory.

**Australia:** The ingredients of this product are on the AICS inventory.

**Japan:** The ingredients of this product are on the ENCS inventory.

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**16. Other information:**

**Recommended uses and restrictions:** Please consult the product and/or application bulletins for this product.

**Further information, Europe:** Where appropriate, use CE approved personal protection equipment.

This Safety Sheet conforms to EC Directive 1907/2006 and amendments.

The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this Safety Data sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of it is the user's obligation to determine the conditions of safe use of the products.