



**MATERIAL SAFETY DATA SHEET**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identification

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Product Name: Purl Microcrystalline Wax

CAS Number: Blend

Company Identification

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The Purl Company, LLC

119 Labonte Street Unit 203

Dillon, CO 80435 USA

1-970-389-2874 (For product information) (The Purl Company)

1-800-424-9300 or 1-703-527-3887 (For emergencies) (CHEMTREC)

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
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Purl Microcrystalline Wax	100.0 %	Blend

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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* OSHA Required Label Information: In compliance
* with hazard and right-to-know requirements, where
* applicable OSHA Hazard Warnings may be found on the
* label, bill of lading or invoice accompanying this
* shipment. NOTE: Product label may contain
* non-OSHA related information also. In compliance
* with hazard and right-to-know requirements, where
* applicable OSHA Hazard Warnings may be found on the
* label, bill of lading or invoice accompanying this
* shipment. NOTE: Product label may contain
* non-OSHA related information also.
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HMIS Rating - Health: 1  
 Flammability: 1  
 Reactivity: 0

NFPA Rating - Health: 0  
 Flammability: 1  
 Reactivity: 0

POTENTIAL HEALTH EFFECTS

EYE:

Exposure to hot material may cause thermal burns. Exposure to mists and vapors may cause irritation.

SKIN:

Prolonged or repeated skin contact may cause skin irritation. Exposure to hot product may cause thermal burns.

INHALATION:

Avoid breathing vapors or mists. Inhaled mists or fumes may cause irritation.

INGESTION:

Small amounts ( a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion is not considered to be a likely source of exposure.

CHRONIC EFFECTS:

None reported.

MISCELLANEOUS:

Slippery, can cause falls if walked on.

**4. FIRST AID MEASURES**

EYE CONTACT FIRST AID:

Get immediate medical attention. Immediately flush eyes with plenty of water.

SKIN CONTACT FIRST AID:

Immediately contact a physician for treatment of thermal burns. In case of skin contact with product under other conditions, wash thoroughly with soap and water. Removal of product from skin may be aided by use of waterless hand cleaner.

INHALATION FIRST AID:

If overcome by fumes, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

INGESTION FIRST AID:

If ingested, DO NOT induce vomiting; call a physician immediately if a large amount has been ingested.

**5. FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES

COC Flash Point: >200 C (< 392.0 F)

Auto ignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: %

UEL: %

EXTINGUISHING MEDIA:

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product.

**FIRE & EXPLOSION HAZARDS:**

Material will burn in a fire.

**FIRE FIGHTING INSTRUCTIONS:**

Avoid breathing smoke, fumes, and decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

**COMBUSTION PRODUCTS:**

Fumes, smoke, carbon monoxide and other decomposition products in the case of incomplete combustion.

**6. ACCIDENTAL RELEASE MEASURES**

**SAFEGUARDS (PERSONNEL):**

Wear appropriate personal protective equipment. Eliminate all sources of Ignition - heat, sparks, flame, electricity, impact and friction.

**LARGE SPILLS PROCEDURE:**

This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center (800-424-8802). Contain spill by diking, prevent product from entering sewers or waterways. Allow liquid to solidify, then clean up and dispose of in compliance with local and federal regulations.

**SMALL SPILLS PROCEDURE:**

Allow material to solidify and scrape up.

**7. HANDLING AND STORAGE**

**HANDLING (PERSONNEL):**

'Empty' containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

**STORAGE PRECAUTIONS:**

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EYE / FACE PROTECTION REQUIREMENTS:**

When splashing of the material may occur, chemical goggles and a face shield are recommended.

**SKIN PROTECTION REQUIREMENTS:**

When handling hot material, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation.

**RESPIRATORY PROTECTION REQUIREMENTS:**

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

**MISCELLANEOUS:**

Minimize breathing hot fumes, vapors, and mist. Remove wax-impregnated clothing and launder or dry-clean before re-use. Discard wax-impregnated shoes. Wash skin thoroughly with soap and water after handling.

**EXPOSURE GUIDELINES:**

No Information Available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM .....: Solid  
COLOR .....: Light Yellow to White  
ODOR .....: Faint Odor  
SOLUBILITY IN WATER .....: Nil  
SPECIFIC GRAVITY .....: 0.82 (Water = 1)  
MELTING/FREEZING POINT ...: 155.2-162.5 F  
SOFTENING POINT.....: approx. 50-60 C

**10. STABILITY AND REACTIVITY**

**STABILITY:**

Stable.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong oxidizing agents.

**DECOMPOSITION:**

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

**11. TOXICOLOGICAL INFORMATION**

**EYE EFFECTS:**

Product contacting the eyes may cause eye irritation.

**SKIN EFFECTS:**

Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a 'corrosive' nor an 'irritant' by OSHA criteria.

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL HAZARDS:**

Do not discharge this product into public waters or waterways unless authorized by a National Pollution Discharge Elimination System (NPDES) permit issued by the EPA.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations.

**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL ...: Purl Microcrystalline Wax

**15. REGULATORY INFORMATION**

REGULATORY DISCLOSURES:

Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-304). No TPQ for product of any constituent greater than 1% or 0.1% (carcinogen).

Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (SARA Section 313). No toxic chemical is present greater than 1% or 0.1% (carcinogen).

Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312). EPA Hazard Classification Code: Not Applicable.

Toxic Substances Control Act (TSCA). This product does not contain polychlorinated biphenyls PCB's).

All components of this product are listed on the U.S. TSCA inventory.

FDA (FOOD AND DRUG ADMINISTRATION):

Complies with 21 CFR 172.886.

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). This material or all of its components are listed on the Canadian Domestic Substances List (DSL).

**16. OTHER INFORMATION**

PREPARED BY .....: Scott Sparks  
APPROVED BY .....: Scott Sparks  
TITLE .....: Lab Supervisor  
APPROVAL DATE .....: October 22, 2009  
SUPERCEDES DATE ...: October 22, 2009

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

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This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Purl Wax. The data on this sheet are related only to the specific material designated herein. Purl Wax assumes no legal responsibility for use or reliance upon these data.

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END OF MSDS  
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