

## Super Pap Pen, Liquid Blocker

No. ISCW-01

**Product Name:** Super Pap Pen**Item #:** SPR0905, SPM0928**Synonyms:** Liquid Blocker Pen**Recommended Use:** Marking Glass Microscope Slides**Restrictions on Use:** N/A**Manufacturer:****In Case of Emergency:**Cancer Diagnostics, Inc.  
4300 Emperor Blvd. #400  
Durham, NC 27703  
1-877-846-5393

Chemtrec US 1-800-424-9300

**OSHA Hazard Classification(s) :**

*This item is defined by OSHA as an "Article" as defined in paragraph (c) 29 CFR 1910.1200, and does not pose a physical hazard or health risk under normal conditions of use.*

**【The identification of the material】**

## — Mixture —

| <u>Chemical name</u>         | <u>CAS No</u> | <u>Proportion</u> |
|------------------------------|---------------|-------------------|
| Vaseline (White)             | 8009-03-8     | 25~35 %           |
| 1-Bromopropan                | 106-94-5      | 20~30 %           |
| Ligroin                      | 8032-32-4     | 5~10 %            |
| Synthetic rubber             |               | 20~30 %           |
| Acrylic resin                |               | 3 ~ 5 %           |
| Pigment (for colored liquid) |               | 2 ~ 5 %           |

Vaseline (White)  
EINECS: 232-373-2  
UN No.: Not applicable**【Classification of Toxicological and Hazardous property】**

Hazardous Property : Stimulate skin, a mucous membrane or eyes.

**【Emergency and First aid Procedures】**

Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes and seek medical help.

Skin contact : Immediately flush skin with plenty of water for at least 15 minutes and seek medical help.

Inhalation : (Contained in a pen, large quantity of inhalation is rare)  
Remove to fresh air immediately if breathing is difficult, give oxygen and seek medical help.

Ingestion : (Contained in a pen, large quantity of ingestion is rare)  
If swallowed, vomits and seek medical help immediately.

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### 【Physical Data】

|                   |                       |
|-------------------|-----------------------|
| Physical state :  | Vaseline              |
| Color odor :      | White jelly           |
| Boiling point :   | White, odorless       |
| Melting point :   | 302 °C                |
| Vapour Pressure : | 36~60 °C              |
| Density :         | 1.3 Pa (at 20 °C)     |
| Solubility :      | 0.9 g/cm <sup>3</sup> |
|                   | Insoluble in water    |

### 【Fire & Explosion Hazard Data】

|                       |                                      |
|-----------------------|--------------------------------------|
| Vaseline              |                                      |
| Flash point :         | 182~221 °C                           |
| Ignition point :      | >290 °C                              |
| Flamable limit :      | Upper: 7 vol % Lower: 0.9 vol %      |
| Extinguishing media : | Dry chemical, Foam or carbon dioxide |
| Extinguish method :   | Fire extinguisher                    |

### 【Stability and Reactivity】

|                          |                  |
|--------------------------|------------------|
| Vaseline                 |                  |
| Stability :              | Stable           |
| Incompatible materials:  | Strong oxidizers |
| Hazardous decomposition: | Oxides of carbon |

### 【Toxicological information】

|                         |                              |
|-------------------------|------------------------------|
| Acute toxicity :        | No information found         |
| Pungency :              | Stimulate eyes, a nose, skin |
| Chronic toxicity:       | No information found         |
| Variation abiogenesis : | No information found         |

### 【Spill or Leak Procedures】

Wipe it off with cloth and collect it in the container which can be sealed and wash away the spilled or leaked place with a plenty of water.

### 【Storage and Handling】

|            |   |
|------------|---|
| Handling : | Avoid contact with skin, a mucous membrane, eyes and wearing clothes.<br>Close the cap tightly after use.<br>Do not open other than the cap of the pen.<br>Use in well ventilated area and keep from heat and open flame.<br>Keep from small children direction.<br>Do not use for the other purpose. |
| Storage :  | Store in cool/dry place and well ventilated area.<br>Keep from heat and open flame and small children direction<br>Protect from direct sunlight.  |

### 【Environmental influence information】

|                 |                      |
|-----------------|----------------------|
| Fish toxicity : | No information found |
| Resolvability : | No information found |

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### 【Exposure Controls】

Facilities : Immediately close the cap of the pen tightly. Install a local exhaust.  
 Protection : Use a gas mask, protection glasses, gloves depending on the situation.

### 【Transportation Information】

Check without the leak in a container and load not to fall.  
 Be sure to prevent the damage and perform prevention of the collapse of the cargo.  
 Do not leave in the places more than 40 °C.  
 Transport of the products in accordance with the federal, states, local regulation and requirement .

|   |  |
|---|--|
| <b>14.1 UN Number<br/>DOT, IATA,IMDG, ADR</b>               | <b>DOT:</b> Not Regulated for Transport by DOT.<br><b>ADR/RID:</b> Not Regulated for Transport by ADR/RID.<br><b>IMDG:</b> Not Regulated for Transport by IMDG.<br><b>IATA:</b> Not Regulated for Transport by IATA. |
| <b>14.2 UN Proper Shipping Name<br/>DOT, IATA,IMDG, ADR</b> | <b>ADR/RID:</b> Not Regulated for Transport by ADR/RID.<br><b>IMDG:</b> Not Regulated for Transport by IMDG.<br><b>IATA:</b> Not Regulated for Transport by IATA.<br><b>DOT:</b> Not Regulated for Transport by DOT. |
| <b>14.3 Transport Hazard Class(es)</b>                      | <b>DOT:</b> Not Regulated for Transport by DOT.<br><b>IATA:</b> Not Regulated for Transport by IATA.<br><b>IMDG:</b> Not Regulated for Transport by IMDG.<br><b>ADR/RID:</b> Not Regulated for Transport by ADR/RID. |
| <b>14.4 Packing Group<br/>DOT, IATA,IMDG, ADR</b>           | <b>ADR/RID:</b> Not Regulated for Transport by ADR/RID.<br><b>IMDG:</b> Not Regulated for Transport by IMDG.<br><b>IATA:</b> Not Regulated for Transport by IATA.<br><b>DOT:</b> Not Regulated for Transport by DOT. |
| <b>14.5 Environmental Hazards</b>                           | <b>Marine Pollutant:</b> No  |
| <b>14.6 Special Precautions for User</b>                    | Not applicable.  |

### 【Disposal Information】

Dispose of the products in compliance with all applicable government and local regulations and requirement.

**Revision Date:** 09/29/2016

NOTE: Cancer Diagnostics, Inc. believes that the information contained on this Material Safety Data Sheet is accurate.

The suggested procedures are based on experience as of the date of publication.

They are not necessarily all-inclusive nor fully adequate in every circumstance.

Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.

No warranty, express or implied, or merchantability, fitness or otherwise is made.