

PAP PEN MaxTag™ SDS

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Version Number: 3.0

SECTION 1: IDENTIFICATION**1.1 Product Identifier**

Product Form: Mixture

Product Name: PAP PEN MaxTag™

Product Code: KHP001

1.2 Intended Use of the Product

For research use only

1.3 Name, Address, and telephone of the Responsible Party

Company:

Rockland Immunochemicals, Inc.

321 Jones Boulevard

Pottstown, PA 19464

(800) 656-7625

1.4 Emergency Telephone Number

CHEMTREC: 800-424-9300 CHEMTREC (USA) +1-703- 527-3887 CHEMTREC (International) 24 Hours/day;
7 Days/week

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the Substance or Mixture**

Not classified

2.2 Label Elements

GHS-US Labeling:

Hazard Pictogram:



Signal Word: Danger

Hazard Statements:

H225: Highly flammable liquid and vapor

H304: May be fatal if swallowed and enters airways

H312 Harmful in contact with skin

H315: Causes skin irritation.

H319: Causes serious eye irritation

H332 Harmful if inhaled

H335: May cause respiratory irritation

H336: May cause drowsiness or dizziness

H351: May cause cancer

H360: May damage fertility or the unborn child

H362 May cause harm to breast fed children

H373: May cause damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life

H411: Toxic to aquatic life with long lasting effects

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Precautionary Statements:

P202: Do not handle until all safety precautions have been read and understood

P210: Keep away from heat, hot surfaces, open flames, sparks. No smoking.

P233: Keep container tightly closed.

P235 + P410: Store in a well-ventilated place. Keep cool. Protect from sunlight.

P240: Ground/bond container and receiving equipment.

P241: Use explosion proof electrical/ventilating/lighting/equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge

P260: Do not breathe dust/fume/gas/mist/vapors/spray

P263: Avoid contact during pregnancy/while nursing.

P264: Wash face, hands, and any exposed skin thoroughly after handling

P270: Do not eat, drink, or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area

P273: Avoid release to the environment

P280: Wear eye protection, protective clothing, protective gloves.

P301+P310: IF SWALLOWED Immediately call a doctor.

P303+ P352+ P353+P361: IF ON SKIN (or hair):

Wash with plenty of water. Rinse skin with water/shower.

Take off immediately all contaminated clothing.

P304+P340: IF INHALED:

Remove person to fresh air and keep comfortable for breathing.

P305+ P338+ P351: IF IN EYES:

Remove contact lenses if present and easy to do. Continue rinsing. Remove contact lenses if present and easy to do. Continue rinsing.

Rinse cautiously with water for several minutes. Rinse cautiously with water for several minutes.

P308+P308+P313 P313: If exposed or concerned: Get medical advice/attention. If exposed or concerned: Get medical advice/attention.

P312: Call a POISON CENTER / doctor if you feel unwell. Call a POISON CENTER / doctor if you feel unwell.

P313+P332: If skin irritation occurs: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention.

P313+P337: If eye irritation persists: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

P314: Get medical advice/attention if you feel unwell. Get medical advice/attention if you feel unwell.

P331: Do NOT induce vomiting. Do NOT induce vomiting.

P362: Take off contaminated clothing. Take off contaminated clothing.

P370+P378: In case of fire: In case of fire:

Use foam, dry chemical, or carbon dioxide to extinguish.

Use foam, dry chemical, or carbon dioxide to extinguish.

P391: Collect spillage. Collect spillage.

P405: Store locked up. Store locked up.

P501: Dispose of contents/container in accordance with regional regulation. Dispose of contents/container in accordance with to regional regulation.

2.3 Other Hazards

No data available

2.4 Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable

3.2 Mixture

| Name | Product Identifier | % |
|-----------------|--------------------|------|
| Toluene | CAS No: 108-88-3 | ≤ 35 |
| Resin | N/A | ≤ 35 |
| Solvent naphtha | N/A | ≤ 30 |

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

After Inhalation: When symptoms occur, go into open air, and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

After Skin Contact: Immediately remove any contaminated clothing.

After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

After Inhalation: Prolonged exposure may cause irritation.

After Skin Contact: Prolonged exposure may cause skin irritation.

After Eye Contact: May cause slight irritation to eyes.

After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Water spray, dry chemical, foam, carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2 Special Hazards Arising from the Substance or Mixture

Fire Hazard: Flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3 Advice for Firefighters

Precautionary Measures - Fire: Exercise caution when fighting any chemical fire. Under fire conditions closed containers may rupture or explode.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information: Do not allow run-off from firefighting to enter drains or water courses.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Normal ventilation is adequate.

6.1.1 For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

6.1.2 For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2 Environmental Precautions

Do not let product enter drains.

6.3 Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4 Reference to Other Sections

See Heading 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Additional Hazards When Processed: None

Precautions for Safe Handling: For precautions see section 2.2. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Keep away from heat and open flame. Do not remove any parts other than the pen cap.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool, and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

7.3 Specific End Use(s)

For research use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Use in a well-ventilated place and keep from heat and open flame. Protect hand with glove.

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. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: The use of personal protective equipment may be necessary as conditions

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warrant. Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing: Wear appropriate protective gloves and clothing to prevent skin exposure.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Safety glasses with side shields or safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Not required under normal conditions.

Environmental Exposure Controls: No special environmental precautions required.

Other Information: When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Physical State: Liquid

Appearance: Light green

Odor: Fragrant

Odor Threshold: No data available

pH: 5.8

Evaporation Rate: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Flammability (solid, gas): No data available

Lower Flammable Limit: No data available

Upper Flammable Limit: No data available

Vapor Pressure: No data available

Relative Vapor Density at 20°C: No data available

Relative Density: No data available

Specific Gravity: No data available

Solubility: No data available

Partition Coefficient: N-Octanol/Water: No data available

Viscosity: No data available

9.2 Other Information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous reactions will not occur under normal conditions.

10.2 Chemical Stability

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Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of Hazardous Reactions

No information available

10.4 Conditions to Avoid

Use in well-ventilated area and keep from heat and open flame, strong oxidants

10.5 Incompatible Materials

No information available

10.6 Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute toxicity: No information available.

Chronic Toxicity Irritation: No information available.

Sensitization: No information available.

Carcinogenicity: No information available.

Germ Cell Mutagenic effects: Mutagenic effects.

Reproductive effects: No information available.

Developmental effects: No information available.

Teratogenicity: No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity: Toxic to aquatic life with long lasting effects.

12.2 Persistence and Degradability

| | |
|-------------------------------|------------------|
| PAP PEN MaxTag™ | |
| Persistence and Degradability | Not established. |

12.3 Bioaccumulative Potential

No information available.

12.4 Mobility in Soil

No information available.

12.5 Other Adverse Effects

Other information: Hazardous to the ozone layer: This product does not contain any ingredients applicable to the Montreal Protocol.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: None

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the

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SDS was authored and can vary based on several variables that may or may not have been known at the time the SDS was issued.

14.1 In Accordance with DOT

Not dangerous goods

14.2 In Accordance with IMDG

Not dangerous goods

14.3 In Accordance with IATA

Not restricted as per IATA DG A.46

14.4 In Accordance with TDG

Not dangerous goods

SECTION 15: REGULATORY INFORMATION**15.1 US Federal Regulations**

OSHA Hazards: None

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: See section 2 for more information

15.2 US State Regulations

Not applicable

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision: 09/01/2023

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.