

## 1. Product and Company Identification

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**Product(s)** ZD1 PAP Pen

**Related Product Kit** Not applicable

**Intended Use & Restrictions** Marker pen for slide glass to draw water repellent circle. Intended for use by professional laboratory personnel that have been properly trained in its use.

**Company Information** Zeta Corporation

65 N 1<sup>st</sup> Ave, Suite 202C  
Arcadia, CA 91006  
tel: (626) 355.2053  
fax: (626) 836.9149  
Email: [info@zeta-corp.com](mailto:info@zeta-corp.com)  
[www.zeta-corp.com](http://www.zeta-corp.com)

**24-Hour Emergency Contact** CHEMTREC  
+1 800-424-9300 (USA)

## 2. Hazards Identification

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**Emergency Overview** Light green liquid. Avoid prolonged exposure. Flammable.

**OSHA Hazards** Irritant. Harmful by ingestion. Skin sensitizer.

**GHS Classification** Danger  
**Signal words, Symbol, Hazard & Precautionary 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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Potential Health Effects

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**Skin Contact** May be harmful if exposed to skin. May cause skin irritation, itching, redness or inflammation.

**Eye Contact** May be harmful if exposed to eyes. May cause eye irritation, watering eyes, stinging or burning sensation.

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation, headache, dizziness, nausea or coughing.

**Ingestion** May be harmful if swallowed. May cause irritation of gastrointestinal tract, nausea, or vomiting.

See Section 11: Toxicological Information for additional information.

**Environmental Effects** Toxic to aquatic life.  
See Section 12: Ecological Information for additional information.

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### 3. Composition / Information on Ingredients

Toluene	<35%	CAS# 108-88-3
Xylene	<15%	CAS# 1330-20-7
Solvent naphtha	<15%	CAS# 64742-95-6
Resin	<35%	CAS# not available

### 4. First Aid Measures

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**General Advice** Avoid further exposure to product. Consult a physician.

**In case of skin contact** Wash exposed area with soap and plenty of water. Remove any contaminated clothing. Seek medical attention.

**In case of eye contact** Wash eyes with plenty of water for at least 15 minutes. Have victim remove contact lenses. Be sure to wash under eyelids. Seek medical attention.

**If inhaled** Remove victim to well-ventilated area. If victim is not breathing, give artificial respiration. Seek medical attention.

**If swallowed** If victim is conscious, rinse mouth with water. Do not give anything to an unconscious victim. Do not induce vomiting. Seek medical attention. Call a poison center/doctor.

### 5. Fire Fighting Measures

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**Suitable Extinguishing Media** Alcohol-resistant foam, dry chemical, or carbon dioxide.

Use extinguisher media appropriate for surrounding fire.

**Special Protective Equipment for Firefighters** Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

**Special Exposure Hazards** None identified.

### 6. Accidental Release Measures

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**Personal Precautions** Use of personal protective equipment is recommended as described in Section 8.

## Safety Data Sheet

SDS Number: ZC20210101D

PAP Pen

Effective January 1, 2021



### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways. Collect in a container which can be sealed. Small spills may be contained and cleaned-up with paper towels or absorbent pads. Absorb large spills with sand or vermiculite and place in a closed container for waste disposal. Avoid physical contact during removal.

## 7. Handling and Storage

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**Precautions for Safe Handling** Avoid contact with eyes, skin and clothing. Do not ingest. Wash hands thoroughly after use.

**Conditions for Safe Storage** Keep lid tightly closed. Keep in a well-ventilated area. Store at room temperature.

## 8. Exposure Controls / Personal Protection

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**Permissible Exposure Limits** Contains no substances with occupational exposure limit values.

**Engineering Controls** No special controls needed.

**Personal Protective Equipment** Protect hands with gloves.

**Eye Protection** Wear goggles to prevent splashing of material.

**Skin Protection** Wear PPE.

**Respiratory Protection** Use in well ventilated areas and keep from open flame.

**General Hygiene Measures** Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling and before eating or drinking.

## 9. Physical and Chemical Properties

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**Appearance** Liquid, light green.

**Odor** Fragrance

**pH (as supplied)** 5.8 as supplied

**Melting point** Not determined.

**Boiling point** Not determined.

**Flash point** Not determined.

**Flammability** Not determined.

**Lower explosion limit** Not determined.

**Upper explosion limit** Not determined.

**Vapor pressure** Not determined.

**Vapor density** Not determined.

**Specific gravity** Not determined.

**Solubility (in water)** Not water soluble.

**Partition coefficient (n-octanol/water)** Not determined.

**Auto-ignition temperature** Not determined.

**Decomposition Temperature** Not determined.

## **10. Stability and Reactivity**

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**Chemical Stability** Stable under normal storage conditions.

**Conditions to avoid** Use in well ventilated areas.

**Materials to avoid** Keep from heat and open flame, strong oxidants.

**Hazardous decomposition products** No data available.

**Possibility of hazardous reactions** No data available.

## **11. Toxicological Information**

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**Acute dose effects** No data available.

**Repeat dose effects** No data available.

**Skin irritation** No data available.

**Skin and respiratory sensitization** No data available.

**Eye irritation** No data available.

**Carcinogenicity** No data available.

**Mutagenicity** No data available.

**Reproductive effects** No data available.

**Developmental effects** No data available.

**Target organ effects** No data available.

*To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated at product concentrations.*

## **12. Ecological Information**

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**Ecotoxicity** Toxic to aquatic life with long lasting effects.

**Persistence and degradability** No data available

**Bioaccumulation/accumulation** No data available

**Mobility in environmental media** No data available

**Other hazardous effects** No data available

### 13. Disposal Considerations

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**Product** Disposal should be in accordance with applicable national, state, and local laws and regulations. Local regulations may be more stringent than national or state requirements. Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal.

**Contaminated packaging** Dispose of as unused product.

### 14. Transportation Information

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**Proper shipping name** Not applicable

**Technical name** Not applicable

**Hazard class** Not applicable

**Identification number** Not applicable

**Packing group** Not applicable

**DOT (US)** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

**TDG** Not regulated

### 15. Regulatory Information

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#### Inventory Status

**United States (TSCA)** All ingredients are on the inventory or exempt from listing.

**Canada (DSL / NDSL)** All ingredients are on the inventory or exempt from listing.

**SARA 302 Components** No chemicals in this product are subject to reporting requirements.

**SARA 313 Components** No chemicals in this product are subject to reporting requirements.

**California Prop. 65 components** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

### 16. Other Information

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**Sources and Suitability** The above information was obtained from sources available at the time of revision and believed to be accurate and reliable. The information included is not intended to be all inclusive and should only be used as a guide. Zeta Corp shall not be held liable for any damage resulting from use, handling, or contact with the above product.

**Note: Before using this product, please visit the Zeta Corporation website at <http://zeta-corp.com> for the current version of this SDS.**