1 Identification

- Product identifier
  - Product name: InstantPC Dye
  - Product Code: WS0338
- Application of the substance / the mixture: Preparation
- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:
    ProZyme, Inc
    3832 Bay Center Place
    HAYWARD, CA 94545
    USA
- Issuing Department: ProZyme Quality Assurance Department
- Email: info@prozyme.com
- Fax number: +1 510 638 6919
- Phone number: +1 510 638 6900
- Emergency telephone number: +1 760 476 3961

2 Hazard(s) identification

- Classification of the substance or mixture
  - Eye Irrit. 2B  H320  Causes eye irritation.

- Label elements
  - GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms: Void
  - Signal word: Warning
  - Hazard statements: Causes eye irritation.

- Precautionary statements
  - Avoid breathing dust/fume/gas/mist/vapors/spray
  - Wash thoroughly after handling.
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - If eye irritation persists: Get medical advice/attention.
  - Store in a well-ventilated place. Keep container tightly closed.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.

- Additional information:
  - 100 percent of the mixture consists of ingredient(s) of unknown toxicity.

- Classification system:
  - NFPA ratings (scale 0 - 4)
  - Health = 1
  - Fire = 0
  - Reactivity = 0

- HMIS-ratings (scale 0 - 4)
  - HEALTH: Health = 1
  - FIRE: Fire = 0
  - REACTIVITY: Reactivity = 0

(Contd. on page 2)
**Product name:** InstantPC Dye

(Contd. of page 1)

### 3 Composition/information on ingredients

- **Chemical characterization:** Substances
- **CAS No. Description**
  - 4-(2,5-Dioxo-pyrrolidin-1-yloxy carbonylamino)-benzoic acid
  - 2-diethylamino-ethyl ester

### 4 First-aid measures

- **Description of first aid measures**
  - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:** Generally the product does not irritate the skin.
  - **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed** No further relevant information available.
  - **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
  - CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Wear protective gloves / eye protection / face protection.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.

(Contd. on page 3)
Product name: InstantPC Dye

- Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
  - Storage:
    - Requirements to be met by storerooms and receptacles: No special requirements.
    - Information about storage in one common storage facility: Not required.
    - Further information about storage conditions: Keep receptacle tightly sealed.
    - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
- Components with limit values that require monitoring at the workplace: Not required.
- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
  - General protective and hygienic measures:
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing.
    - Wash hands before breaks and at the end of work.
    - Avoid contact with the eyes.
    - Avoid contact with the eyes and skin.
  - Breathing equipment: Not required.
- Protection of hands:
  - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- Penetration time of glove material
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:

   Tightly sealed goggles

9 Physical and chemical properties

- Information on basic physical and chemical properties
  - General Information
    - Appearance:
      - Form: Powder
      - Color: White
      - Odor: Odorless
      - Odour threshold: Not determined.
    - pH-value: Not applicable.

(Contd. of page 2)

(Contd. on page 4)
Product name: InstantPC Dye

10 Stability and reactivity

· Reactivity
  · Chemical stability
     · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
     · Possibility of hazardous reactions: No dangerous reactions known.
     · Conditions to avoid: No further relevant information available.
     · Incompatible materials: No further relevant information available.
     · Hazardous decomposition products: No dangerous decomposition products known.

(Contd. on page 5)
11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
  - Primary irritant effect:
    - on the skin: May be harmful in contact with skin.
    - on the eye: Irritating effect.
  - Sensitization: No sensitizing effects known.
  - Additional toxicological information:

- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    - Substance is not listed.
  - NTP (National Toxicology Program)
    - Substance is not listed.
  - OSHA-Ca (Occupational Safety & Health Administration)
    - Substance is not listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.

- Additional ecological information:
  - General notes:
    - Water hazard class 1 (Self-assessment): slightly hazardous for water
    - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.

(Contd. on page 6)
14 Transport information

- UN-Number
  DOT, ADN, IMDG, IATA not regulated

- UN proper shipping name
  DOT, ADN, IMDG, IATA not regulated

- Transport hazard class(es)
  DOT, ADN, IMDG, IATA
  Class not regulated

- Packing group
  DOT, IMDG, IATA not regulated

- Environmental hazards:
  Marine pollutant: No

- Special precautions for user
  Not applicable.

- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
  Not applicable.

- UN "Model Regulation": -

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture

  Sara

  - Section 355 (extremely hazardous substances):
    Substance is not listed.

  - Section 313 (Specific toxic chemical listings):
    Substance is not listed.

  - TSCA (Toxic Substances Control Act):
    Substance is not listed.

  - Proposition 65
    - Chemicals known to cause cancer:
      Substance is not listed.
    - Chemicals known to cause reproductive toxicity for females:
      Substance is not listed.
    - Chemicals known to cause reproductive toxicity for males:
      Substance is not listed.
    - Chemicals known to cause developmental toxicity:
      Substance is not listed.

  - Carcinogenic categories
    - EPA (Environmental Protection Agency)
      Substance is not listed.
    - TLV (Threshold Limit Value established by ACGIH)
      Substance is not listed.

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Product name: InstantPC Dye

- NIOSH-Ca (National Institute for Occupational Safety and Health)
- Substance is not listed.
- GHS label elements The substance is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms Void
  - Signal word Warning
  - Hazard statements
    - Causes eye irritation.
- Precautionary statements
  - Avoid breathing dust/fume/gas/mist/vapors/spray
  - Wash thoroughly after handling.
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - If eye irritation persists: Get medical advice/attention.
  - Store in a well-ventilated place. Keep container tightly closed.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information
- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- Trademark ProZyme is a trademark or registered trademark of ProZyme in the United States and other countries.
- Abbreviations and acronyms:
  - Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
- Supersedes Date: -
- Current Revision: AA