Eagle 2005 Developer

Ingredients:

- water \(24.00-25.00\)
- lactic acid \(22.00-23.00\)
- Polyglycol \(53.00-54.00\)

Physical Data

- Physical State: liquid
- Colour: Colourless - straw coloured
- Odour: Mild
- pH: -2.2
- Boiling Range/Point: Decomposes before boiling.
- Solubility in Water: Completely soluble.
- Specific gravity: 1.0935

Hazardous Decomposition

- Carbon Monoxide
- Carbon Dioxide

Incompatibles

- Alkalis
- Acids

Protective Equipment

Eyes

- Wear chemical goggles.
- Wear a face shield.

Skin

- Wear neoprene or nitrile gloves.
- Wear rubber or neoprene apron.
Respiratory

- Respiratory protection if there is a risk of exposure to high vapour concentrations. The specific respirator selected must be based on the airborne concentrations found in the workplace and must not exceed the working limits of the respirator.

Special Precautions

- Engineering Controls:
  - Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (local exhaust), and control of process conditions.

- Storage:
  1. Store in original containers.
  2. Storage area should be: - cool - dry - well ventilated - out of direct sunlight - away from incompatible materials.

- Handling:
  1. Use local exhaust ventilation.
  2. Avoid contact with eyes, skin and clothing.
  3. Emergency shower and eye wash facilities should be readily available.
  4. Avoid inhaling vapor.
  5. Keep container tightly closed when not in use.

Toxicity

Toxicity Data

- ORL RAT LD50 7600 mg/kg
- SKN RAT LD50 7940 mg/kg

Target Organs:

- Eye
- Skin
- Lung

Health

Effects:

- **Inhalation:**
  - Exposure to vapour or mist may have the following effects:
    - Severe irritation of nose, throat and respiratory tract.
  - Exposure to mist at high concentrations may have the following effects:
    - Severe irritation of nose, throat and respiratory tract and possibly lung damage.
• **Eyes:** Liquid will cause severe conjunctiva irritation, corneal damage, and may result in loss of vision. Vapour or mist will cause severe conjunctiva irritation and corneal damage.

• **Skin:** Material will cause chemical burns.

• **Ingestion:** Swallowing may have the following effects: Corrosion of mouth, throat and digestive tract.

**First Aid:**

• **Inhalation:** Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.

• **Eyes:** Immediately flush the eye with plenty of water for at least 20 minutes, holding the eye open. Obtain medical attention immediately.

• **Skin:** Immediately flush the skin with large quantities of water, Preferably under a shower. Remove contaminated clothing while flushing skin. Continue washing for at least 15 minutes. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention immediately.

• **Ingestion:** Do not induce vomiting. Wash out mouth with water. Obtain medical attention immediately.

• **Note to Physicians:** Treat symptomatically. Treat skin burns conventionally.

**PEL/ TLV**

**PEL**

• Information not supplied by the manufacturer.

**TLV**

• Information not supplied by the manufacturer.

**Fire Hazard Data**

• **Flash point:** Not flammable

• **Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.

• **Special Fire-Fighting Procedures:** No specific measures necessary.

• **Unusual Fire Hazards:** None known.

• **Protective Equipment for Fire Fighting:** Wear full protective clothing and self-contained breathing apparatus.
Disposal

Spill Procedures:

- Contain and absorb using earth, sand or other inert material.
- Transfer into suitable containers for recovery or disposal.
- Wear appropriate protective clothing.
- Wear respiratory protection.
- Prevent the material from entering drains or water courses.
- Advise authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

Disposal:

- Dispose of in accordance with all applicable local regulations.
- Labels should not be removed from containers until they have been cleaned.