

# Solutek

## SAFETY DATA SHEET

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### Section 1: Product and Company Identity

Name: **Solumat Ultra Developer (Part B concentrate)**

Product Number: **268-00**

Product Use: Photographic Developer

Manufacturer: Solutek Corporation 94 Shirley Street Boston, MA 02119

Emergency Health, Safety & Environmental information, call CHEMTREC 1-800-424-9300 (USA)

For other information call 617-445-4335

### Section 2 – Hazard(s) Identification

#### **DANGER - CORROSIVE**

Emergency Overview – Corrosive

Eyes – Causes burns

Skin – Causes burns

Ingestion - May be harmful if swallowed. Ingestion causes burns to upper digestive system and respiratory tract.

Chronic effects : Exposure can cause tooth erosion and bronchial irritation with cough and frequent occurrences of pneumonia.

HMIS: Health 3, Flammability 1, Physical Hazard 0

### Section 3 – Composition/information on ingredients

<u>Component</u>	<u>CAS #</u>	<u>%</u>
Water	7732-18-5	40-45
Acetic Acid	64-19-7	55-60
3-Pyrazolidiinone,1-Phenyl-	7732-18-5	3-4

### Section 4 - First Aid Measures

**Eye contact.** 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.

**Skin contact. Flush skin with copious amount of water.** Get immediate medical attention. Wash immediately with soap and water..

**Ingestion.** If swallowed, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician. Refer all cases of ingestion to a poison-control center or a physician. Vomiting should normally be initiated only on their advice and by the means they specify.

**Inhalation.** If inhaled remove to fresh air. If not breathing, give artificial respiration. Give oxygen if breathing is difficult. Call a physician.

### Section 5: - Fire fighting measures

Extinguishing media, Suitable appropriate to local circumstances and surrounding environment.

Special protective equipment/precautions for firefighters : Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

(Carbon dioxide, Aldehydes)

**NFPA** Health Hazard – 3

Flammability – 1

Stability - 0

## **Section 6 : Accidental release measures**

Contain spill if safe to do so. Keep personnel in safe area. Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapor and contact with skin, eyes and clothing. Dike area if possible and absorb with inert absorbent material.

## **Section 7 : Handling and storage**

### **Precautions for safe handling:**

Use with adequate ventilation. Wear personal protective equipment. Do not breathe vapors. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.

Keep containers tightly closed

Avoid contact with eyes and skin

### **Conditions for safe storage:**

Store in original container between 68 and 80 °F.

## **Section 8 Exposure controls/personal protection**

### **Exposure limits**

#### **Chemical Name**

Acetic acid

OSHA PEL  
25mg/m<sup>3</sup> TWA

ACGIH (TLV)  
10 ppm TWA

**Ventilation:** Good general ventilation (typically 10 air changes per hour) is recommended.

**Respiratory Protection:** Use with adequate ventilation. Only NIOSH/MSHA respiratory protection should be worn

**Eye protection:** Wear goggles and face shield.

**Skin protection:** Wear chemical resistant gloves and protective clothing appropriate for the risk of exposure.

## **Section 9 - Physical and chemical properties**

**Physical Form :** Liquid

**Boiling Point :** No data available

**Solubility in water :** Complete

**Flash point :** > 94 °C

**Color :** orange

**Odor :** vinegar

**Specific gravity :** (water=1) 1.07

**pH :** 1.5

