

# Solutek

## SAFETY DATA SHEET

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### Section 1: Product and Company Identity

Name: **ImageMax Developer Cleaner Concentrate**

Product Number: **728-90**

Distributed By: X-Ray Support, Inc.  
3012 N. Sullivan Rd., Suite D  
Spokane Valley, WA 99216

Manufactured by: Solutek Corporation  
94 Shirley Street  
Boston, MA 02119  
Telephone: 617-445-5335

Emergency: Chemtrec 800-424-9300

### Section 2 – Hazard(s) Identification

#### **DANGER : CORROSIVE**

Emergency Overview – Poison, Corrosive, Suspect cancer hazard

Eyes – Causes severe burns

Skin – Causes burns

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

Chronic effects: Classified A2( carcinogen)

HMIS: Health 3, Flammability 0, Physical Hazard 0

### Section 3 – Composition/information on ingredients

<u>Component</u>	<u>CAS #</u>	<u>%</u>
Water	7732-18-5	85-90
Sodium dichromate	7789-12-0	2-3
Sulfuric acid	7664-93-9	3.5-4.5

### 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. Immediately call a doctor.

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

**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.

**NFPA** Health Hazard – 3

Flammability – 0

Stability -1

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

Contain spill. 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. Place in chemical disposal container.  
Dispose of as determined by local and state regulations

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

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

Use with adequate ventilation. Wear personal protective equipment( Safety glasses with side shields, rubber or neoprene gloves. 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 . Do not store above 23 °C

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

### **Exposure limits**

#### **Chemical Name**

Sulfuric Acid

Sodium dichromate

#### OSHA PEL

1mg/m<sup>3</sup> TWA

.1mg/m<sup>3</sup> TWA

#### ACGIH (TLV)

1 mg/m<sup>3</sup> TWA

.05mg/m<sup>3</sup> 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 :** over 100 °C

**Solubility in water :** Complete

**Flash point :** N/A

**Color :** Orange-Red

**Odor :** None

**Specific gravity :** (water=1) 1.04

**pH :** 0.8

## **Section 10 – Stability and reactivity**

**Chemical Stability** :Stable under normal conditions

**Possibility of hazardous reactions** : None known

**Incompatible materials:** Reactive with oxidizing and reducing agents.

**Hazardous decomposition products:** Possible Sulfur and Chrome oxides

## **Section 11 Toxicological information**

General information: Hexavalent Chromium is known to cause cancer

Skin: Corrosive - causes Burns

Eyes: Corrosive - causes burns and may cause severe damage including blindness.

Inhalation: Irritating to mucous membranes and lungs.

Ingestion: Can burn mouth, throat and stomach.

Sulfuric Acid	Acute toxicity – 2140mg/kg ( Rat) LD50 Dermal >NA
Sodium Dichromate	Acute toxicity – 51 mg/kg (Rat) LD 50 Dermal 1000mg/kg (Rabbit) Known carcinogen

## **Section 12 Ecological information**

Ecotoxicity effects: Harmful to aquatic organisms. May cause long-term effects.

## **Section 13 Disposal considerations**

Should not be released into the environment. Dispose of according to local regulations

Do not reuse empty containers. They should be taken to an approved waste handling site for disposal.

## **Section 14 Transportation information**

DOT :

Ground shipments: Shipped under **limited quantity** regulation.

Air Shipments: UN 1760, Corrosive Liquid n.o.s.,8, PG III,

Maritime shipments: ERG code 8L

## **Section 15 Regulatory information**

Not subject to the reporting requirements of Section 313 or Title III of SARA of 1985 and CFR part 372,

CERCLA : Sulfuric Acid – 1000 lb.

## **Section 16 Other information**

This information is based on our present knowledge. However, this shall not guarantee any specific product features and shall not establish a legally valid contractual relationship.

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