

# SOUTHLAND DISTRIBUTION & SALES

## SAFETY DATA SHEET

OSHA HCS (29 CFR § 1910.1200) & UN GHS Classification

### SECTION 1: IDENTIFICATION

**Product Name:** PRO 32 Developer Systems Cleaner  
**Synonyms:** None  
**CAS Number:** See Section 3  
**Product Use:** Cleaner for Radiographic Equipment and Rollers  
**Manufacturer/Supplier:** Southland Distribution & Sales  
4003 Enterprise Court  
Augusta, GA 30907  
**General Information:** 800-880-0240  
**Transportation Emergency Number:** 800-880-0240

### SECTION 2: HAZARD(S) IDENTIFICATION

**GHS CLASSIFICATION:** OSHA HCS (29 CFR § 1910.1200)

**Symbols:** Exclamation Mark, Oxidizer

#### 2.1 EMERGENCY OVERVIEW

**Specific Physical Form:** Liquid

**Odor, Color, Grade:** Red, Odorless

**General Physical Form:** Liquid

**Immediate health, physical and environmental hazards:**

#### 2.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing and blurred or hazy vision.

**Skin Contact:**

Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching and dryness. On rare occasions, can cause burns.

**Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, hoarseness.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### 2.3 POTENTIAL ENVIRONMENTAL EFFECTS

**AQUATIC TOXICITY:**

None

**ATMOSPHERIC FATE:**

This product has Zero Ozone Depletion Potential (ODP).

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>INGREDIENT</b>	<b>C.A.S. No.</b>	<b>% by Wt</b>
Hazardous Components		
Sulfuric Acid (10-15%)	7664-93-9	1 mg/m3
Sodium Bichromate (10-15%)	10588-01-9	0.05 mg/m3

**SECTION 4: FIRST-AID MEASURES****4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Immediately flush eyes with large amounts of water for 15 minutes.

**Skin Contact:** Remove saturated clothing and shoes. Immediately flush skin with large amounts of water for 15 minutes. If signs/symptoms persist, seek medical attention. Wash clothing and clean shoes before reuse.

**Inhalation:** Remove person to fresh air after overexposure.

**If Swallowed:** Drink 1 – 2 glasses of water. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention.

**4.2 NOTE TO PHYSICIANS**

Exposures resulting from intentional misuse and abuse may cause an increase in myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 FLAMMABLE PROPERTIES**

**Flash Point (method used):** N.A.

**Flammability:** Low Hazard. Product is non-flammable at ambient temperature.

**LEL Lower:** N.A.

**UEL Upper:** N.A.

**5.2 EXTINGUISHING MEDIA**

N.A.

**5.3 PROTECTION OF FIRE FIGHTERS**

**Special Fire Fighting Procedures:** Wear full protective clothing and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** None

**NOTE:** See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1** Absorb in vermiculite and collect in a noncombustible container. Contract with a licensed chemical waste disposal agency.

**6.2 Environmental precautions:**

Good ventilation should be sufficient. Supplementary ventilation or respiratory protection may be needed in special circumstances.

**In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.**

**SECTION 7: HANDLING AND STORAGE**

**7.1 HANDLING**

Safety glasses and protective gloves recommended. No special precautions are necessary beyond normal good hygiene practices.

**7.2 STORAGE**

Store at room temperature. Do not freeze.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 ENGINEERING CONTROLS**

Not required.

**8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**8.2.1 Eye/Face Protection**

Avoid eye contact with vapors, mists or spray. The following eye protection(s) are recommended: Safety Glasses with side shields.

**8.2.2 Skin Protection**

Select and use gloves and/or protective clothing to prevent skin contact.

**8.2.3 Respiratory Protection**

Normally not required, but may be advised in certain special circumstances.

**8.2.4 Prevention of Swallowing**

Do not eat, drink or smoke when using this product.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	<b>Greater than 100°C @ 760 mg</b>
<b>Vapor Pressure (mm Hg):</b>	<b>18mm Hg @ 20°C</b>
<b>Vapor Density (AIR + 1):</b>	<b>0.6 lb.</b>
<b>Solubility in Water:</b>	<b>Complete</b>
<b>Specific Gravity (H2O=1):</b>	<b>1.262</b>
<b>Reactivity in Water:</b>	<b>N.A.</b>
<b>Melting Point:</b>	<b>N.A.</b>
<b>Appearance and Odor:</b>	<b>Red – Odorless</b>

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**10.1 Conditions to Avoid:** None

**10.2 Materials to Avoid:** Reducing agents, strong bases, combustible materials.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Hazardous Decomposition or By-Products:** None

**10.3 Caution:** Mixing this product with thiocyanate photographic solutions may liberate hazardous hydrogen cyanide gas.

**SECTION 11: TOXICOLOGICAL INFORMATION**

No adverse health effects are anticipated from normal handling or use of this product.

**SECTION 12: ECOLOGICAL INFORMATION\* (non-mandatory)****SECTION 13: DISPOSAL CONSIDERATIONS\* (non-mandatory)****SECTION 14: TRANSPORT INFORMATION\* (non-mandatory)****SECTION 15: REGULATORY INFORMATION\* (non-mandatory)**

**\*\* Note:** Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200 (g) (2)).

**SECTION 16: OTHER INFORMATION**

**Additional Information:** None  
**Date of Preparation:** September 26, 2014  
**The following Sections contain revisions or new statements:** 1-16

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