

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

INGREDIENT	C.A.S. No.	% by Wt
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

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

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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