

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

076371108

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

076371132

# SOUTHLAND DISTRIBUTION & SALES

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

**Product Name:** Clear Image Radiographic Cleaner  
**Synonyms:** Clear Image  
**CAS Number:** See Section 3  
**Product Use:** Cleaner of Radiographic Equipment  
**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:

**Symbols:** Exclamation Mark, Corrosives

#### 2.1 EMERGENCY OVERVIEW

**Specific Physical Form:** Liquid

**Odor, Color, Grade:** Clear liquid with technical odor

**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.

##### Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

Exposures needed to cause the following health effect(s) are not expected during normal, intended use:

##### 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**

<u>INGREDIENT</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Sodium Hydroxide (Caustic Soda)	1310-73-2	<1.67%
2 Butoxyethanol	111-76-2	<3.50%

The exact composition of this formula is considered to be proprietary information, however, this product contains no other hazardous components at a level of 1% or greater and no known or suspected carcinogen at a level of 0.1% or greater.

**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:** Flush eyes with water for 15 minutes.

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

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

**If Swallowed:** Do not induce vomiting. Give victim plenty of water or milk. Never give anything by mouth to an unconscious person. Seek medical attention.

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

**Flash Point (Method Used):** No flash @Boil (C.C.)

**Flammability:** None

**5.2 EXTINGUISHING MEDIA**

All types as determined by primary cause of combustion.

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

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Small Spills:** Wipe up product, rinse area with water down drain.

**6.2 Large Spills:** Stop leak at the source and collect into a suitable container. Then, treat as small spill. Follow state and local regulations for disposal of large non-reclaimable spills.

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

Good ventilation should be sufficient. Respiratory protection is not required. Wearing of chemical splash goggles is recommended (ANSI X 87.1 or approved equal). Impervious rubber gloves are advised. No other protective equipment is required.

### 7.2 STORAGE

Always store unused portion in original container with cap secure. Avoid temperature extremes. As with all chemicals, use due care according to label instructions and precautions.

## 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 based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials

#### 8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray. Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Specific Physical Form:</b>	Liquid
<b>Odor, Color:</b>	Clear with technical odor
<b>General Physical Form:</b>	Liquid
<b>Boiling Point:</b>	Approx. 212°F
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.03
<b>Vapor Pressure (mm Hg):</b>	28 mm
<b>Vapor Density (AIR=1):</b>	Unknown
<b>Solubility in Water:</b>	Infinite
<b>Evaporation Rate (water=1):</b>	>1
<b>PH:</b>	12.7-13.2
<b>Percentage Volatile:</b>	90%

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Materials and Conditions to Avoid:** None

**Hazardous Decomposition Products:** None

**DOT Category:** Non-Hazardous

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

**Skin:** Non-Hazardous in accordance with CFR 49 Subpart D, Paragraph 173.136 and Appendix A.

**Metal:** Aluminum Corrosive

**Steel:** Non-corrosive

**SECTION 11: TOXICOLOGICAL INFORMATION**

No adverse health effects are anticipated from normal handling or use of Clear Image Radiographic Cleaner. This product contains no known carcinogen or Potential carcinogen as defined by OSHA, the NTP, or the IARC monographs.

**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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