

# MATERIAL SAFETY DATA SHEET

Issuing date 2012-02-27

Revision Date 2012-02-27

Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name:** X-OMAT Screen Cleaner

**Product code:** 1030428

**Supplier** Carestream Health, Inc., 150 Verona Street, Rochester, New York 14608

For Emergency Health Information call: 800-424-9300

For other information contact: 800-328-2910

**Product Use:** Cleaning agent. Restricted to professional users.

## 2. HAZARDS IDENTIFICATION

<b>Emergency Overview</b>			
The product contains no substances which at their given concentration, are considered to be hazardous to health.			
<b>Physical state</b> liquid	<b>Odor</b> sweet	<b>Color</b> clear	
<b>HMS</b>	<b>Health Hazard</b> - 0	<b>Flammability</b> - 0	<b>Physical - 0 Hazard</b>
<b>Potential Health Effects</b>			
<b>Eyes</b>	May cause slight irritation.		
<b>Skin</b>	Does not pose a potential of skin irritation and sensitization.		
<b>Inhalation</b>	Expected to be a low hazard for recommended handling.		
<b>Ingestion</b>	Expected to be a low hazard for recommended handling.		
<b>Chronic Effects</b>			
<b>Chronic toxicity</b>	No known effect based on information supplied.		
<b>Aggravated Medical Conditions</b>	None known.		
<b>Environmental hazard</b>	See Section 12 for additional Ecological Information.		

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Non-Hazardous

Chemical Name	CAS-No	Weight %
Water	7732-18-5	90-100
Surfactant	Proprietary	<1

#### 4. FIRST AID MEASURES

<b>General advice</b>	Immediate medical attention is not required. If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician. Keep eye wide open while rinsing.
<b>Skin contact</b>	Wash off with warm water and soap. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed, do not induce vomiting - seek medical advice. Drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Notes to physician</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Does not flash
<b>Suitable Extinguishing Media</b>	Use CO2, dry chemical, or foam.
<b>Unsuitable Extinguishing Media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Hazardous Combustion Products</b>	Hazardous decomposition products due to incomplete combustion.

#### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**                      **Health Hazard** - 0                      **Flammability** - 0                      **Stability** - 0

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation. For personal protection see section 8.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
<b>Other information</b>	See Section 12 for additional information.

#### 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Ensure adequate ventilation. Wash thoroughly after handling.
<b>Technical measures/Storage conditions</b>	Keep container tightly closed in a dry and well-ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	AIHA - Workplace Environmental Exposure Levels (WEELs) - TWAs	OSHA PEL	Advisory OEL
Sodium hypochlorite 7681-52-9		STEL: 2 mg/m <sup>3</sup>		

### Occupational Exposure Controls

**Engineering Measures** None under normal use conditions.

### Personal Protective Equipment

**General Information** These recommendations apply to the product as supplied.

**Respiratory protection** None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Long sleeved clothing.

**Hand Protection** Impervious gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** liquid

**ph** 8.2

**Flash point:** Does not flash

**Boiling point/boiling range** > 100 °C

**Odor** sweet

**Color** clear

**Autoignition temperature:** No information available

**Vapor Pressure** 24 mbar @ 20 °C

**Vapor density** 0.6

**Density** No information available

**Volatile organic compounds (VOC) content** 95 - 100

**Water Solubility** completely soluble

**Melting point/range:** No information available

**Specific Gravity** 1.00

**Bulk Density:** No information available

## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions.

**Incompatible products** None known.

**Conditions to Avoid** None known.

**Hazardous Decomposition Products** None under normal use.

**Hazardous Polymerization** Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity - Product Information

**Skin** Does not pose a potential of skin irritation and sensitization.

**Eyes** May cause slight irritation.

**Inhalation** Expected to be a low hazard for recommended handling.

**Ingestion** Expected to be a low hazard for recommended handling.

### Acute toxicity - Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	90,000 mg/kg ( Rat )		
Surfactant	13792 mg/kg ( Rat )		

**Subchronic toxicity** No known effects under normal use conditions

**Carcinogenicity** There are no known carcinogenic chemicals in this product.

**Target Organ Effects** No known effects under normal use conditions.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Ecotoxicity effects** The environmental impact of this product has not been fully investigated.

Component Information

**Persistence and degradability** No information available

**Bioaccumulation:** - No information available

**Mobility** - No information available

## 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal Methods** Dispose of in accordance with local regulations.

**Contaminated packaging** Dispose of in accordance with local regulations.

#### 14. TRANSPORT INFORMATION

The information given below is provided to assist in documentation. It may supplement the information on the package. The package in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions. Please consult the product packaging for further details.

**DOT** Not regulated

**TDG** Not regulated

**ICAO/IATA** Not regulated

**IMDG/IMO** Not regulated

For transportation information, go to: <http://ship.carestreamhealth.com>.

#### 15. REGULATORY INFORMATION

"Does not comply" indicates a component is either not on the public inventory or is subject to exemption requirements. If additional information is needed contact Carestream Health.

##### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Does not comply
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies
<b>NZIoC</b>	Complies

##### Legend

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

##### U.S. Federal Regulations

###### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

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**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**TSCA**

This product does not contain any chemicals regulated under TSCA Section 4, Section 5(a), Section 8(a) or Section 8(d).

Chemical Name	U.S. - TSCA (Toxic Substances Control Act) - Section 8(a) - Chemical-Specific Reporting and Recordkeeping
Water	Partially exempt chemical substance termed Petroleum Process Stream

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

**International Regulations**

**Mexico - Grade** Minimum risk, Grade 0

**16. OTHER INFORMATION**

**Disclaimer for Label**

The data below reflects current legislative requirements whereas the product in your possession may carry a different version of the label depending on the date of manufacture.

- Contains:
- No hazardous components.

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Ensure adequate ventilation. Wash thoroughly after handling.

Additional information is given in the Material Safety Data Sheet.

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

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