

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

Identification of the substance or mixture

Product name: X-OMAT Screen Cleaner

Product code: 8454977

Pure substance/mixture Mixture

Synonyms PCD 6556

Use of the Substance/Mixture

Product Use: Cleaning agent.

Company/Undertaking Identification

Carestream Health Korea Ltd
4F Shinyoung B/D 46-10, Jamwon-dong, Seocho-gu, Seoul 137-906, Korea
T: +82-2-3438-7300

For further information, please contact:

For environment, health and safety information, email: WW-EHS@carestreamhealth.com

Emergency telephone

Emergency Transportation/CHEMTREC (24 HOUR): 00-308-13-2549

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

This material is not classified as hazardous according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

GHS Label elements, including precautionary statements

This material is not classified as hazardous according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %
Water	90-100
Surfactant	<1

4. FIRST AID MEASURES

Description of necessary first-aid measures

General advice	Immediate medical attention is not required. If symptoms persist, call a physician.
Main Symptoms	None known.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician. Keep eye wide open while rinsing.
Skin contact	Wash off with warm water and soap. If symptoms persist, call a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	If swallowed, do not induce vomiting - seek medical advice. Drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Skin contact	No known hazard in contact with skin.
Eye contact	May cause slight irritation.
Inhalation	No known effect.
Ingestion	No known hazard by swallowing.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Flash point:	See chapter 9. PHYSICAL AND CHEMICAL PROPERTIES
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Suitable Extinguishing Media

Suitable Extinguishing Media	Use CO2, dry chemical, or foam.
Extinguishing media which shall not be used for safety reasons	Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Special Hazard	Non-combustible.
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Special protective actions for fire-fighters

Special protective equipment for fire-fighters	Wear self-contained breathing apparatus and protective suit.
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Other information

Other information

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Do not touch or walk through spilled material. For personal protection see section 8.

Environmental precautions

Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. Try to prevent the material from entering drains or water courses.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Other information

See Section 12 for additional Ecological information.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

When using, do not eat, drink or smoke. For personal protection see section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep away from food, drink and animal feeding stuffs. Keep in a bunded area. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty).

Materials to Avoid

None in particular.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits

Ingredients with workplace control parameters

Appropriate engineering controls

Engineering Measures

None under normal use conditions.

Individual protection measures, such as personal protective equipment (PPE)

Personal Protective Equipment

General Information

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

Respiratory protection

None under normal use conditions.

Eye Protection

Safety glasses with side-shields

Skin and body protection

Repeated or prolonged contact: Impervious gloves.

Hand Protection

Protective gloves

Hygiene measures

Avoid breathing vapors, mist or gas. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and at the end of workday. Wash hands with water as a precaution. Wear suitable gloves and eye/face protection. When using, do not eat, drink or smoke.

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

Reactivity

No dangerous reaction known under conditions of normal use

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

None known.

Materials to Avoid

None in particular.

Hazardous Decomposition Products

None under normal use.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Product Information.

Skin contact No known hazard in contact with skin.
Eye contact May cause slight irritation.
Inhalation No known effect.
Ingestion No known hazard by swallowing.

Product Information - +44 (0)870 6000245

Acute toxicity 0.1% of the mixture consists of ingredient(s) of unknown toxicity
Oral >5000 mg/kg
Dermal >5000 mg/kg

Acute toxicity - Component Information

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

Aggravated Medical Conditions None known.

Subchronic toxicity

No known effects under normal use conditions

Chronic toxicity

Sensitization No information available.
Neurological effects No information available.
Target Organ Effects No known effects under normal use conditions.

CMR Effects

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute aquatic toxicity Product Information

No information available

Acute aquatic toxicity Component Information

Persistence and degradability

No information available

Bioaccumulative potential

No information available

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products

Waste material is currently classified as hazardous under Council Directive 91/689/EEC. The European Waste Catalogue Code is 09 01 99 Wastes not otherwise specified. Dispose according to the local regulations or guidelines that apply to the category of waste. Ensure the use of properly authorized waste management companies.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

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.

<u>ADR/RID</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>ICAO/IATA</u>	Not regulated
<u>ADN</u>	Not regulated
<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated

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

15. REGULATORY INFORMATION

International Inventories

EINECS/ELINCS	Complies
TSCA	Complies
DSL/NDSL	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
NZIoC	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

Further information	None
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National regulatory information

16. OTHER INFORMATION

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

End of Material Safety Data Sheet