

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product code: 8607020
Product name: X-OMAT Screen Cleaner

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Cleaning agent. Photographic chemical. Restricted to professional users.
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer **Supplier:** Carestream Health New Zealand Ltd, Guthrey Pacific House, Level 1, 93 Manchester Street, Christchurch, New Zealand

For further information, please contact:

E-mail Address: For environment, health and safety information, email: EMEAHS@carestream.com

1.4. Emergency telephone number

CHEMTREC International 1-703-527-3887
CHEMTREC UK +(44)-870-8200418

2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Classified as non-hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

2.2. Label elements

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

2.3. Other hazards

Contains 5-chloro-2-methyl-4-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Non-hazardous ingredients

Chemical Name	EC-No	CAS-No	Weight percent	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	Present	7732-18-5	95-100	No hazards have been classified
Surfactant	Not Listed	-	<0.1	STOT RE (Cat 2)
5-Chloro-2-methyl-3-isothiazolone	Present	26172-55-4	<0.0025	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Skin Sens. 1 (H317)

				Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
2-Methyl-2H isothiazol-3-one	Present	2682-20-4	<0.0025	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice	Get medical attention immediately if symptoms occur
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Inhalation	Move to fresh air.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically
---------------------------	-----------------------

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Extinguishing media which shall not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire

5.2. Special hazards arising from the substance or mixture

Special Hazard

Non-combustible

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear

Hazchem Code

No information available

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

See Section 12 for additional information.

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Dyke to collect large liquid spills.

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep in properly labelled containers.

7.3. Specific end use(s)

Specific use(s) Cleaning agent for photographic applications. Restricted to professional users.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

Biological standards This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Engineering Measures None under normal use conditions. Ensure adequate ventilation.

Personal protective equipment

Eye Protection Safety glasses with side-shields.

Hand Protection Protective gloves.

Skin and body protection Long sleeved clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1

Physical state	Liquid	Odour	sweet
Appearance	Clear, Liquid	Odour Threshold	No information available
Colour	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	6	
Melting point/range:		No information available
Freezing Point:		No information available
Boiling point/boiling range	> 100 °C / 212 °F	
Flash Point	Does not flash	No information available

Evaporation rate
Flammability (solid, gas)
Flammability Limits in Air

No information available
No information available
No information available

Vapour pressure

No information available

Vapour density

No information available

Relative density

0.998

No information available

Water Solubility

completely soluble

Solubility in other solvents

Partition coefficient: n-octanol/water

No information available

Autoignition temperature

No information available

Decomposition temperature

No information available

Viscosity:

No information available

Explosive properties

No information available

Oxidising Properties

No information available

9.2

Softening point

No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous polymerisation does not occur

None under normal processing

10.4. Conditions to avoid

None known.

10.5

None known.

10.6

None known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information

Inhalation

May cause irritation of respiratory tract.

Eye contact

May cause slight irritation.

Skin contact

Substance may cause slight skin irritation.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	90,000 mg/kg (Rat)		
Surfactant	550 mg/kg (rat)	>5,000 mg/kg (rat)	>5.9 mg/l (male, rat, 4H)
5-Chloro-2-methyl-3-isothiazolone	481 mg/kg (Rat) Oral LD50 Rat 481 mg/kg (Source: IUCLID)		1.23 mg/L (Rat) 4 h Inhalation LC50 Rat 1.23 mg/L 4 h (Source: NLM_CIP)
2-Methyl-2H -isothiazol-3-one	120 mg/kg (Rat) 232 - 249 mg/kg (Rat) Oral LD50 Rat 232 - 249 mg/kg (50% MIT in water; males, Source: EU_CLH); Oral LD50 Rat 120 mg/kg (50% MIT in water; females, Source: EU_CLH)	200 mg/kg (Rabbit) Dermal LD50 Rabbit 200 mg/kg (Source: HSDB)	0.11 mg/L (Rat) 4 h Inhalation LC50 Rat 0.11 mg/L 4 h (aerosol, Source: EU_CLH)

Chronic toxicity

Sensitisation May produce an allergic reaction.

Target Organ Effects No information available.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

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

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Surfactant	88.3 mg/l (Pseudokirchneriella subcapita (green algae)	88.3 mg/l (Pseudokirchneriella subcapita (green algae)	
5-Chloro-2-methyl-3-isothiazolone	0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.31: 120 h Anabaena flos-aquae mg/L EC50	1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	4.71: 48 h Daphnia magna mg/L EC50 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

Chemical Name	log Pow
5-Chloro-2-methyl-3-isothiazolone	-0.71 - 0.75

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Waste from residues / unused products

Dispose of in accordance with local regulations.

Contaminated packaging

Do not re-use empty containers. 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 have 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.

ADG

Not classified as a dangerous goods.

ICAO/IATA

Not regulated

IMDG/IMO

Not regulated

For transportation information, go to: <http://ship.carestream.com>**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****International Inventories**

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

Legend**AICS** - Australian Inventory of Chemical Substances**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**NZIoC** - New Zealand Inventory of Chemicals**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**16. OTHER INFORMATION****Revision Date**

12 December 2018

Revision Note**Disclaimer**

The information provided on this SDS 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.

XTable Placeholder