

## SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 6 February 2019

Version 1.02

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product code: 5280094  
Product name: MIN-R Screen Cleaner Wipes  
Pure substance/mixture Mixture

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

Identified uses: Phosphor screen cleaner. Restricted to professional users.  
Uses advised against No information available

#### 1.3. Details of the supplier of the safety data sheet

Supplier Carestream Health UK Ltd., 1 Park Lane, Hemel Hempstead, Hertfordshire, HP2 4YG

#### For further information, please contact:

Product Information +44 (0)870 6000245  
For environment, health and safety information, email: WW-EHS@carestreamhealth.com

#### 1.4. Emergency telephone number

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

### Section 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

#### 2.2. Label elements

##### Hazard Statements

EUH208 - Contains 5-chloro-2-methyl-4-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

##### Precautionary Statements - EU (§28, 1272/2008)

None

#### 2.3. Other hazards

None known.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable

**3.2 Mixtures**

The product contains no substances which at their given concentration, are considered to be hazardous to health

Chemical Name	EC-No	CAS-No	Weight percent	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number	SVHC candidates
Water	Present	7732-18-5	95-100	No hazards have been classified	no data available	
Surfactant	Not Listed	-	<0.1	STOT RE (Cat 2)	no data available	
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)	no data available	
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)	no data available	

**Full text of H- and EUH-phrases: see section 16**

**Section 4: FIRST AID MEASURES****4.1. Description of first aid measures**

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Inhalation</b>	Remove to fresh air.

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

<b>Symptoms</b>	No information available.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	Treat symptomatically.
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**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product is not flammable.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

## **5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** No information available.

**Hazardous Combustion Products** Hazardous decomposition products due to incomplete combustion.

## **5.3. Advice for firefighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

# **Section 6: ACCIDENTAL RELEASE MEASURES**

## **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protective equipment as required.

**For emergency responders** Use personal protection recommended in Section 8.

## **6.2. Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional Ecological Information.

## **6.3. Methods and material for containment and cleaning up**

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

**Methods for cleaning up** 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.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

# **Section 7: HANDLING AND STORAGE**

## **7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing

and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

**Materials to Avoid** Water-reactive materials.

## 7.3. Specific end use(s)

**Specific use(s)** Photographic chemical.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Limits

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
5-Chloro-2-methyl-3-isothiazolone 26172-55-4	skin notation (listed under 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-methyl-2,3-dihydroisothiazol-3-one mixture in ratio 3:1) TWA 0.05 mg/m <sup>3</sup> Skin sensitizer	SS-C** S+ TWA 0.2 mg/m <sup>3</sup> STEL 0.4 mg/m <sup>3</sup>	-	-	-
2-Methyl-2H-isothiazol-3-one 2682-20-4	skin notation (listed under 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-methyl-2,3-dihydroisothiazol-3-one mixture in ratio 3:1) TWA 0.05 mg/m <sup>3</sup> Skin sensitizer	SS-C** S+ TWA 0.2 mg/m <sup>3</sup> STEL 0.4 mg/m <sup>3</sup>	-	-	-

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

**Engineering controls** Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Handle product only in closed system or provide appropriate exhaust ventilation at machinery. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal protective equipment** These recommendations apply to the product as supplied

**Eye/face protection** No special protective equipment required.

<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	Do not allow material to contaminate ground water system.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1

<b>Physical state</b>	Cotton wipes saturated with solution
<b>Appearance</b>	No information available
<b>Colour</b>	Clear
<b>Odour</b>	Odourless.
<b>Odour Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ • Method</u>
<b>pH</b>	8.2	
<b>Melting point/range:</b>	no data available	no data available
<b>Boiling point/boiling range</b>	> 100 °C	
<b>Flash Point</b>	no data available	Does not flash
<b>Evaporation rate</b>	no data available	No information available
<b>Flammability (solid, gas)</b>	no data available	No information available
<b>Flammability Limits in Air</b>		No information available
Upper flammability limit	no data available	
Lower flammability limit	no data available	
<b>Vapour pressure</b>	24 mbar @ 20 °C	
<b>Vapour density</b>	0.6	
<b>Specific Gravity</b>	1.00	No information available
<b>Water Solubility</b>	completely soluble	
<b>Solubility in other solvents</b>	no data available	No information available
<b>Partition coefficient: n-octanol/water</b>	no data available	No information available
<b>Autoignition temperature</b>	no data available	No information available
<b>Decomposition temperature</b>	no data available	No information available
<b>Viscosity, kinematic</b>	no data available	
<b>Viscosity, dynamic</b>	no data available	
<b>Explosive properties</b>	no data available	
<b>Oxidizing properties</b>	no data available	

### 9.2

<b>Softening point</b>	no data available
<b>Molecular Weight</b>	no data available
<b>Density</b>	no data available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion Data

<b>Sensitivity to Mechanical Impact</b>	None
<b>Sensitivity to Static Discharge</b>	None

### 10.3. Possibility of hazardous reactions

None under normal processing

Hazardous polymerisation does not occur

#### **10.4. Conditions to avoid**

Heat, flames and sparks. Do not freeze.

#### **10.5**

Water-reactive materials.

#### **10.6**

None under normal use

### **Section 11: TOXICOLOGICAL INFORMATION**

#### **11.1 Information on toxicological effects**

##### **Information on likely routes of exposure**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Substance may cause slight skin irritation.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

##### **Information on toxicological effects**

<b>Symptoms</b>	No information available.
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##### **Numerical measures of toxicity**

##### **Acute toxicity**

##### **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-isothiazolo ne	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)

##### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Subchronic toxicity</b>	No known effects under normal use conditions.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

## Section 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Ecotoxicity

**Unknown aquatic toxicity** 0% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	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:** .

#### Bioconcentration factor (BCF)

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.

**Section 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

This information is provided to assist users in the correct disposal of working solutions prepared and used to Carestream Health specifications.

<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
<b>Empty containers</b>	If thoroughly cleaned, preferably by rinsing at least three times with small quantities of water, waste product packaging may be consigned for recovery or disposal as non hazardous waste. Whenever possible, minimize waste by using the rinsing water to make up the working solution. The European Waste Catalogue Code is 15 01 02 plastic packaging.
<b>Contaminated packaging</b>	Waste product packaging contaminated by residues of hazardous contents should be consigned for disposal as hazardous waste. In this case, the European Waste Catalogue Code is 15 01 10 packaging containing residues of or contaminated by dangerous substances.

**Section 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.

**IMDG/IMO**

<b>14.1. UN/ID no</b>	Not regulated
<b>14.2. Proper Shipping Name</b>	Not regulated
<b>14.3. Hazard class</b>	Not regulated
<b>14.4. Packing Group</b>	Not regulated
<b>14.5. Marine pollutant</b>	None
<b>14.6. Special Provisions</b>	None

**ADR/RID**

<b>14.1. UN/ID no</b>	Not regulated
<b>14.2. Proper Shipping Name</b>	Not regulated
<b>14.3. Hazard class</b>	Not regulated
<b>14.4. Packing Group</b>	Not regulated
<b>14.5. Environmental hazard</b>	Not applicable
<b>14.6. Special Provisions</b>	None
<b>Classification Code</b>	None
<b>Tunnel restriction code</b>	(E)

**ICAO/IATA**

	Not regulated
<b>14.1. UN/ID no</b>	Not regulated
<b>14.2. Proper Shipping Name</b>	None
<b>14.3. Hazard class</b>	Not regulated
<b>14.4. Packing Group</b>	Not regulated
<b>14.5. Environmental hazard</b>	Not applicable
<b>14.6. Special Provisions</b>	None



**ERG Code**

None

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

## Section 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

#### Persistent Organic Pollutants

Not applicable

#### Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

#### International Inventories

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

#### Legend:

**AICS** - Australian Inventory of Chemical Substances

**DSL/NDL** - 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

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

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

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture.

## Section 16: OTHER INFORMATION

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

SVHC: Substances of Very High Concern for Authorization:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA:	Time weighted average	STEL:	Short term exposure limit
Ceiling:	Maximum limit value:	*	Skin designation

<b>Issuing Date</b>	7 April 2014
<b>Revision Date</b>	6 February 2019

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text