

# Safety Data Sheet

according to the Globally Harmonised System

SDS #: I-90029

## Crimson (Non-registered) Hand Sanitizer

Issuing Date 2020-03-23

Revision Date 2020-04-02

Version 2.03

**Active**

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

#### 1.1 Product Identifier

**Product Name** **Crimson (Non-Registered) Hand Sanitizer** for Xerox Personnel  
**Part no.** 502P11720

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

**Recommended Use** Personal use hand sanitizer

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

**Supplier** Xerox Europe Limited  
 Xerox Technology Park  
 Dublin Road  
 Dundalk  
 Co. Louth  
 Ireland

#### For further information, please contact

**Contact person** Andy Cosgrove  
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**E-mail address** ehs-europe@xerox.com

**For the most current document** <https://safetydatasheets.business.xerox.com>

#### 1.4 Emergency telephone

Not applicable

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (STOT) — single exposure	Category 3
Flammable liquids	Category 2

#### 2.2 Label elements

**Symbol(s)**

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**Signal Word**

Danger

**Hazard Statements**

H224 - Extremely flammable liquid and vapour  
 H319 - Causes serious eye irritation  
 H336 - May cause drowsiness and dizziness

**Precautionary Statements**

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 P102 - Keep out of reach of children  
 P233 - Keep container tightly closed  
 P240 - Ground/bond container and receiving equipment.  
 P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment  
 P242 - Use only non-sparking tools  
 P243 - Take precautionary measures against static discharge  
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray  
 P271 - Use only outdoors or in a well-ventilated area  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell  
 P337 + P313 - If eye irritation persists: Get medical advice/attention  
 P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction  
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
 P405 - Store locked up  
 P501 - Dispose of contents/container to an approved waste disposal plant

## 2.3 Other hazards

May be harmful by inhalation, ingestion, or skin absorption May be harmful if swallowed

**Special Note**

The recommendations made on this SDS apply to the material as supplied in personal use containers. Recommendations for large quantities of this material are available upon request.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements
Propan-2-ol	70-80	67-63-0	200-661-7	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H335 H336
Water	20-25	7732-18-5	231-791-2	--	--
Glycerol	1-3	56-81-5	200-289-5	--	--
Hydrogen peroxide	0-1	7722-84-1	-	Acute Tox. 4	H302

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			Skin Corr. 1A Ox. Liq. 1	H314 H271
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**Note**

"--" indicates no classification or hazard statements apply.

**4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
<b>Skin contact</b>	None under normal use
<b>Inhalation</b>	None under normal use
<b>Ingestion</b>	Do NOT induce vomiting, Rinse mouth, Never give anything by mouth to an unconscious person, Get medical attention

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

<b>Acute toxicity</b>	
<b>Eyes</b>	No known effect
<b>Skin</b>	Prolonged or repeated contact may dry skin and cause irritation
<b>Inhalation</b>	No known effect
<b>Ingestion</b>	No known effect
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	No known effects under normal use conditions

**4.3 Indication of immediate medical attention and special treatment needed**

<b>Notes to physician</b>	Treat symptomatically
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**5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

<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

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

**Hazardous combustion products** May emit toxic fumes under fire conditions

**5.3 Advice for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

**Other information**

<b>Flammability</b>	Flammable		
<b>Flash point</b>	18.3 °C	/	64.9 °F
<b>Method</b>	Closed cup		

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**6. ACCIDENTAL RELEASE MEASURES**

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

Avoid breathing vapours or mists, Heat, flames and sparks, Ensure adequate ventilation

**6.2 Environmental precautions**

Do not flush into surface water or sanitary sewer system, Prevent product from entering drains

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

**Methods for cleaning up**                      Soak up with inert absorbent material

**6.4 Reference to other sections**

See section 12 for additional ecological information  
See Section 13 for additional information

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Avoid contact with eyes, Keep away from heat, sparks and open flame. - No smoking

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

**7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place

**7.3 Specific end uses**

Personal care

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Exposure Limits**

Chemical Name	ACGIH TLV	European Union
Propan-2-ol	STEL: 400 ppm TWA: 200 ppm	
Hydrogen peroxide	TWA: 1 ppm	

**8.2 Exposure controls**

**Engineering measures**                      None under normal use conditions

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

**Eye/face protection**                      No special protective equipment required, Avoid contact with eyes

**Hand protection**                              No special protective equipment required.

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**Skin and body protection** No special protective equipment required  
**Respiratory protection** No special protective equipment required.

**Environmental Exposure Controls**

**Environmental Exposure Controls** Prevent product from entering drains

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b> <b>Physical state</b>	Liquid Liquid	<b>Odour</b> <b>Colour</b>	Alcohol Colourless
<b>Flash point</b>	18.3 °C / 64.9 °F	<b>Method</b>	Closed cup
<b>Melting / Freezing Point</b>	-89 °C / -127 °F		
<b>Boiling point/boiling range</b>	83 °C / 181 °F		
<b>Evaporation rate</b>	No information available		
<b>Flammability</b>	Flammable		
<b>Flammability Limits in Air</b>			
<b>Explosive Limits</b>	No data available		
<b>Vapour pressure</b>	<b>Upper</b> 2%	<b>Lower</b>	12.7%
<b>Vapour density</b>	43.2 hPa (32.4 mmHg) at 20.0 °C (68.0 °F)		
<b>Specific gravity</b>	2.1		
<b>Water solubility</b>	Soluble in water		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	399 °C / 750 °F		
<b>Decomposition temperature</b>	Not determined		
<b>Viscosity</b>	No information available		
<b>Oxidising properties</b>	Not applicable		

**9.2 Other information**

None

### 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 reactions** None under normal processing  
**Hazardous polymerisation** Hazardous polymerisation does not occur



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Readily biodegradable

## **12.3 Bioaccumulative potential**

BCF 3.16  
Bioaccumulation is unlikely

## **12.4 Mobility in soil**

Soluble in water

## **12.5 Results of PBT and vPvB assessment**

Not a PBT according to REACH Annex XIII

## **12.6 Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors

## **12.7 Other adverse effects**

No information available

## **13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

<b>Waste Disposal Method</b>	Disposal should be in accordance with local, state or national legislation for flammable liquids.
<b>EWC Waste Disposal No.</b>	14 06 03*

## **14. TRANSPORT INFORMATION**

### **14.1 UN/ID No**

1219

### **14.2 Proper shipping name**

Isopropyl alcohol solution

### **14.3 Transport hazard class(es)**

3

### **14.4 Packing Group**

II

### **14.5 Environmental hazards**

Not a marine pollutant

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### 14.6 Special precautions for users

No special precautions are needed in handling this material

### 14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code

Not applicable

Regulation	UN/ID No	Proper shipping name	Hazard class	Subsidiary hazard class	Packing Group	Exceptions
ICAO/IATA	UN1219	Isopropanol	3	--	II	--
IMDG/IMO	UN1219	Isopropanol	3	--	II	--

## 15. REGULATORY INFORMATION

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

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

### 15.2 Chemical Safety Assessment

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

## 16. OTHER INFORMATION

**Issuing Date** 2020-03-23

**Revision Date** 2020-04-02

**Revision Note**

**Full text of H-Statements referred to under sections 2 and 3**

H225 - Highly flammable liquid and vapour

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H271 - May cause fire or explosion; strong oxidiser

**Sources of key data used to compile the datasheet**

- Supplier SDS

**Additional advice**

**EU Country Specific Exposure Limits**

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Propan-2-ol	STEL 500 ppm STEL 1250 mg/m <sup>3</sup> TWA 400 ppm TWA 999 mg/m <sup>3</sup>	TWA 200 ppm STEL 400 ppm Skin	STEL 400 ppm STEL 980 mg/m <sup>3</sup>	AGW 200 ppm AGW 500 mg/m <sup>3</sup>	
Glycerol	STEL 30 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	AGW 200 mg/m <sup>3</sup>	
Hydrogen peroxide	STEL 2 ppm STEL 2.8 mg/m <sup>3</sup> TWA 1 ppm	TWA 1 ppm TWA 1.5 mg/m <sup>3</sup> STEL 3 mg/m <sup>3</sup>	TWA 1 ppm TWA 1.5 mg/m <sup>3</sup>		



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Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
	TWA 1.4 mg/m <sup>3</sup>	STEL 2 ppm			

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Isopropanol	TWA 200 ppm TWA 500 mg/m <sup>3</sup> STEL 400 ppm STEL 1000 mg/m <sup>3</sup>	SS-C** TWA 200 ppm TWA 500 mg/m <sup>3</sup> STEL 400 ppm STEL 1000 mg/m <sup>3</sup>	STEL 800 ppm STEL 2000 mg/m <sup>3</sup> TWA 200 ppm TWA 500 mg/m <sup>3</sup> C	STEL 2000mg/m <sup>3</sup> TWA 500mg/m <sup>3</sup> S*	TWA 500 mg/m <sup>3</sup> Ceiling 1000 mg/m <sup>3</sup> S*
Glycerol	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 50 mg/m <sup>3</sup> STEL 100 mg/m <sup>3</sup>			TWA 10 mg/m <sup>3</sup> Ceiling 15 mg/m <sup>3</sup>
Hydrogen peroxide	TWA 1 ppm TWA 1.4 mg/m <sup>3</sup>	SS-C** TWA 1 ppm TWA 1.4 mg/m <sup>3</sup> STEL 2 ppm STEL 2.8 mg/m <sup>3</sup>	STEL 2 ppm STEL 2.8 mg/m <sup>3</sup> TWA 1 ppm TWA 1.4 mg/m <sup>3</sup>		TWA 1 mg/m <sup>3</sup> Ceiling 2 mg/m <sup>3</sup>

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Isopropanol	TWA 200 ppm TWA 500 mg/m <sup>3</sup> STEL 400 ppm STEL 1000 mg/m <sup>3</sup>	TWA 200 ppm STEL 400 ppm C(A4)		TWA 400 ppm TWA 980 mg/m <sup>3</sup> STEL 500 ppm STEL 1225 mg/m <sup>3</sup>	STEL 203 ppm STEL 500 mg/m <sup>3</sup> TWA 81 ppm TWA 200 mg/m <sup>3</sup>
Glycerol	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	
Hydrogen peroxide	TWA 1 ppm TWA 1.4 mg/m <sup>3</sup>	TWA 1 ppm C(A3)		TWA 1 ppm TWA 1.4 mg/m <sup>3</sup> STEL 3 mg/m <sup>3</sup>	

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Isopropanol	TWA 900 mg/m <sup>3</sup> STEL 1200 mg/m <sup>3</sup>	TWA 200 ppm TWA 490 mg/m <sup>3</sup>	TLV 150 ppm TLV 350 mg/m <sup>3</sup> Indicative STEL 250 ppm Indicative STEL 600 mg/m <sup>3</sup>	TWA 200 ppm TWA 500 mg/m <sup>3</sup> STEL 250 ppm STEL 620 mg/m <sup>3</sup>	TWA 100 ppm TWA 245 mg/m <sup>3</sup> STEL 125 ppm STEL 306.25 mg/m <sup>3</sup>
Glycerol	TWA 10 mg/m <sup>3</sup>			TWA 20 mg/m <sup>3</sup>	
Hydrogen peroxide	TWA 0.4 mg/m <sup>3</sup> STEL 0.8 mg/m <sup>3</sup>	TWA 1 ppm TWA 1.4 mg/m <sup>3</sup>	TLV 1 ppm TLV 1.4 mg/m <sup>3</sup> Binding STEL 2 ppm Binding STEL 3 mg/m <sup>3</sup>	TWA 1 ppm TWA 1.4 mg/m <sup>3</sup> STEL 3 ppm STEL 4.2 mg/m <sup>3</sup>	TWA 1 ppm TWA 1.4 mg/m <sup>3</sup> STEL 2 ppm STEL 2.8 mg/m <sup>3</sup>

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

**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

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**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.**