

Safety Data Sheet

SDS # : I-90029

Crimson (Non-registered) Hand Sanitizer

Issuing Date 2020-03-23

Revision Date 2020-04-02

Version 2.01

Active

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

Product Identifier

Product Name
Crimson (Non-Registered) for Xerox Personnel Hand Sanitizer

Part no. 502P11720

Color Colorless
Pure substance/mixture Mixture
Synonyms World Health Organization (WHO) Formula 2

Relevant identified uses of the substance or mixture and uses advised against
Recommended Use Personal use hand sanitizer

Details of the supplier of the safety data sheet

Supplier	Xerox Corporation Webster, NY 14580	Distributor	Chemical Distributors, Inc. 80 Metcalfe Street Buffalo, NY 14206
-----------------	--	--------------------	--

For further information, please contact

Contact person	Manager, Environment, Health, Safety & Sustainability
E-mail address	askxerox@xerox.com
Emergency telephone	Safety Information US: (800) 275-9376 Chemical Emergency only (Chemtrec) (800) 424-9300

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

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

Label elements

Symbol(s)



Signal Word

Danger

Hazard Statements

H224 - Extremely flammable liquid and vapor
 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/vapors/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

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

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Isopropyl alcohol	67-63-0	70-80	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H335 H336
Water	7732-18-5	20-25	--	--
Glycerol	56-81-5	1-3	--	--
Hydrogen peroxide	7722-84-1	0-1	Acute Tox. 4 Skin Corr. 1A Ox. Liq. 1	H302 H314 H271

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

4. FIRST AID MEASURES

Description of first-aid measures

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

Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes	No known effect
Skin	Prolonged or repeated contact may dry skin and cause irritation
Inhalation	No known effect
Ingestion	No known effect

Indication of immediate medical attention and special treatment needed

Protection of first-aiders	No special protective equipment required
Notes to physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	Use CO2, dry chemical, or foam
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire

Special hazards arising from the substance or mixture

Hazardous combustion products
May emit toxic fumes under fire conditions

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

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

Methods and material for containment and cleaning up

Methods for cleaning up Soak up with inert absorbent material

Reference to other sections

See section 12 for additional ecological information

See Section 13 for additional information

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on 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

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions
Keep container tightly closed in a dry and well-ventilated place

Incompatible products No information available

Specific end uses

Personal care

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL
Isopropyl alcohol	STEL 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³
Glycerol		TWA: 15 mg/m ³ TWA: 5 mg/m ³
Hydrogen peroxide	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³

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

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

Information on basic physical and chemical properties

Appearance	Liquid	Odor	Alcohol
Physical state	Liquid	Odor threshold	No information available
Color	Colorless	pH	
Flash point	18.3 °C / 64.9 °F	Method	Closed cup
Melting / Freezing Point	-89 °C /		-127 °F
Boiling point/range	83 °C /		181 °F

Evaporation rate	No information available		
Flammability	Flammable		
Flammability Limits in Air	Upper	2%	Lower 12.7%
Vapor pressure	43.2 hPa (32.4 mmHg) at 20.0 °C (68.0 °F)		
Vapor density	2.1		
Specific gravity			
Water solubility	Soluble in water		
Partition coefficient	No information available		
Autoignition temperature	399 °C / 750 °F		
Decomposition temperature	Not determined		
Viscosity	No information available		
Explosive properties	Not explosive		
Oxidizing properties	Not applicable		

Other information
None

10. STABILITY AND REACTIVITY

Reactivity
No dangerous reaction known under conditions of normal use

Chemical stability
Stable under normal conditions.

Possibility of hazardous reactions
Hazardous reactions None under normal processing
Hazardous polymerization Hazardous polymerization does not occur

Conditions to avoid
Heat, flames and sparks, Take precautionary measures against static discharges

Incompatible Materials
No information available

Hazardous decomposition products
Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects
Acute toxicity
Product Information
 No acute toxicity information is available for this product

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Isopropyl alcohol	5045 mg/kg (Rat)	4059 mg/kg (Rabbit)	72600 mg/m ³ (Rat) 4 h
Glycerol	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat) 1 h
Hydrogen peroxide	1518 mg/kg (Rat)	9200 mg/kg (Rabbit)	2000 mg/m ³ (Rat) 4 h

Chronic toxicity
Sensitization Not expected to cause skin sensitization
Neurological Effects May cause central nervous system depression with nausea, headache, dizziness, vomiting,

Target organ effects and incoordination
No information available

CMR Effects

Mutagenic effects Not expected to be mutagenic
Reproductive toxicity This product does not contain any known or suspected reproductive hazards
Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard Not applicable

11.2 Information on other hazards

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors

12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity No product level data available
Chronic Aquatic Toxicity No product level data available

Component Information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Isopropyl alcohol	1000 mg/L EC50 72 h (Desmodesmus subspicatus) 1000 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50= 9640 mg/L Pimephales promelas 96 h LC50= 11130 mg/L Pimephales promelas 96 h LC50> 1400000 µg/L Lepomis macrochirus 96 h		EC50 = 13299 mg/L 48 h
Glycerol		LC50 51 - 57 mL/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 h
Hydrogen peroxide	2.5 mg/L EC50 72 h (Chlorella vulgaris)	LC50= 16.4 mg/L Pimephales promelas 96 h LC50 18 - 56 mg/L Lepomis macrochirus 96 h LC50 10.0 - 32.0 mg/L Oncorhynchus mykiss 96 h		EC50 18 - 32 mg/L 48 h EC50 = 7.7 mg/L 24 h

Persistence and degradability

Readily biodegradable

Bioaccumulative potential

BCF 3.16
Bioaccumulation is unlikely

Mobility in soil

Soluble in water

Component Information

Chemical Name	log Pow
Isopropyl alcohol	0.05
Glycerol	-1.76

Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

This material should be disposed of as a hazardous waste in the United States (D001 EPA code) and Canada. Waste may contain flammable liquid.

Contaminated packaging

No special precautions are needed in handling this material

California Waste Status

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Isopropyl alcohol	Toxic Ignitable
Hydrogen peroxide	Toxic Corrosive Ignitable Reactive

14. TRANSPORT INFORMATION

Subject to regulation as noted below

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

15. REGULATORY INFORMATION

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

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories

TSCA

Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS No.	SARA 313 - Threshold Values %
Isopropyl alcohol	67-63-0	1.0

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 contains the following HAPs:

Chemical Name	CAS No.	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerol	56-81-5	1-3		Group II		

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Hydrogen peroxide		1000 lb

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product is subject to U.S. State Right-to-know regulations as noted below.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Isopropyl alcohol	X	X	X		
Water			X		
Glycerol	X	X	X		
Hydrogen peroxide	X	X	X		

16. OTHER INFORMATION

Issuing Date 2020-03-23
Revision Date 2020-04-02
Revision Note Initial Release

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

- H225 - Highly flammable liquid and vapor
- 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 oxidizer

Sources of key data used to compile the datasheet

Supplier SDS

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.

end