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CLO31757  
**SAFETY DATA SHEET**

Issuing Date 07-Jul-2017

Revision Date 06-Oct-2017

Revision Number 3

NGHS / English

**1. IDENTIFICATION**

**Product identifier**

**Product Name** Clorox Healthcare® VersaSure™ Alcohol-Free Disinfectant Cleaner Wipes

**Other means of identification**

**Product Code(s)** -

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Wipes, Disinfecting  
**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Identification** The Clorox Company

**Address** 1221 Broadway  
Oakland  
CA  
94612  
US

**Telephone** 1-510-271-7000

**E-mail**

**Emergency telephone number**

**Company Emergency Phone Number** 800-446-1014

**Emergency Telephone Number** For Medical Emergencies call: 1-800-446-1014. Transportation Emergencies, call Chemtrec: 1-800-424-9300

**2. HAZARDS IDENTIFICATION**

**Classification**

Serious eye damage/eye irritation	Category 2B
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**Appearance** White

**Physical state** Pre-Moistened Towelette  
(free liquids)

**Odor** Fragranced

**GHS Label elements, including precautionary statements**

**Warning**

**Hazard statements**  
Causes eye irritation

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Other information**

Harmful to aquatic life

**Unknown acute toxicity**

1.776 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

1.776 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

1.776 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

1.776 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance**

Not applicable.

**Mixture**

Chemical Name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Ethylene glycol monoethyl ether	112-25-4	1-5	-	-
Ethanolamine	141-43-5	0.1-1	-	-

**4. FIRST AID MEASURES**

**First aid measures**

**General advice**

Show this safety data sheet to the doctor in attendance.

**Inhalation**

Remove to fresh air. If symptoms persist, call a physician.

**Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact**

Wash with plenty of water. Get medical attention if irritation develops and persists.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention if symptoms occur.

**Self-protection of the first aider**

Avoid contact with eyes.

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

Symptoms Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical** Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

**Hazardous Combustion Products** Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** Yes.

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

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

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

**7. HANDLING AND STORAGE**

Precautions for safe handling

**Advice on safe handling** Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static

discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

**Exposure Limits**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene glycol monoethyl ether 112-25-4	None	None	None
Ethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m <sup>3</sup>	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

**Engineering controls**

Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/face protection**

Avoid contact with eyes.

**Hand protection**

No special protective equipment required.

**Skin and body protection**

No special protective equipment required.

**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.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash it before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical and Chemical Properties

<b>Physical state</b>	Pre-Moistened Towelette (free liquids)
<b>Appearance</b>	White
<b>Odor</b>	Fragranced
<b>Color</b>	No information available
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	10.5	
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	93 C	
Evaporatlon Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	.99	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	
<b><u>Other Information</u></b>		
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	

## 10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	No known effect.
Eye contact	Irritating to eyes.

**Skin contact** No known effect.

**Ingestion** No known effect.

Information on toxicological effects

**Symptoms** Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity

**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 46,734.00 mg/kg  
**ATEmix (dermal)** 61,937.00 mg/kg

**Unknown acute toxicity** 1.776 % of the mixture consists of ingredient(s) of unknown toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
1.776 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
1.776 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
1.776 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene glycol monoethyl ether	739 mg/kg (Rat)	721 mg/kg (Rabbit)	>0.5 mg/L (Rat, 4 h)
Ethanolamine	1.72 g/kg (Rat)	1 mL/kg (Rabbit)	

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.  
**Serious eye damage/eye irritation** Irritating to eyes.  
**Respiratory or skin sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.  
**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethanolamine	EC50: 15 mg/L (72 h ) Desmodesmus	LC50: 227 mg/L (96 h flow-through) Pimephales	EC50 = 110 mg/L 17 hEC50 = 12200 mg/L 2	EC50: 65 mg/L (48 h ) Daphnia magna

	subspicatus	promelasLC50: 3684 mg/L (96 h static) Brachydanio rerioLC50: 300-1000 mg/L (96 h static) Lepomis macrochirusLC50: 114-196 mg/L (96 h static) Oncorhynchus mykissLC50: > 200 mg/L (96 h flow-through) Oncorhynchus mykiss	hEC50 = 13.7 mg/L 30 min	
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**Persistence and Degradability** No information available.

**Bioaccumulation**

Chemical Name	Log Pow
Ethanolamine	-1.91

**Mobility** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**DOT**  
Proper Shipping Name  
Hazard Class

NOT REGULATED  
NON REGULATED  
N/A

**TDG** NOT REGULATED

**MEX** NOT REGULATED

**ICAO** NOT REGULATED

**IATA**  
Proper Shipping Name

NOT REGULATED  
NON REGULATED

**IMDG/IMO** NOT REGULATED

**RID** NOT REGULATED

**ADR** NOT REGULATED

**ADN** NOT REGULATED

## 15. REGULATORY INFORMATION

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

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

#### International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

#### US 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	Percent	SARA 313 - Threshold Values %
Ethylene glycol monohexyl ether - 112-25-4	112-25-4	1-5	1.0

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

##### **CWA (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)

##### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations



**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product may contain substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethylene glycol monohexyl ether 112-25-4			X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health hazards 2</b>	<b>Flammability 2</b>	<b>Instability 0</b>	<b>Physical and Chemical Properties -</b>
<b>HMIS</b>	<b>Health hazards 2</b>	<b>Flammability 2</b>	<b>Physical hazards 0</b>	<b>Personal Protection X</b>

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

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**Revision Note** No information available

**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

**End of Safety Data Sheet**

