



#629

# SAFETY DATA SHEET

CL35419

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

### Product Identifier

Product Name Clorox Commercial Solutions® Pine-Sol® All Purpose Cleaner - Lemon Fresh

### Other means of Identification

Synonyms None

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

Recommended Use General purpose dilutable cleaner

Uses advised against No information available

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

Supplier Address  
The Clorox Company  
1221 Broadway  
Oakland, CA 94612  
Phone: 1-510-271-7000

### Emergency telephone number

Emergency Phone Numbers

For Medical Emergencies call: 1-800-448-1014  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Serious eye damage/eye irritation

Category 2B

### GHS Label elements, Including precautionary statements

#### Emergency Overview

Signal word	Warning
Hazard statements Causes eye irritation	No pictogram required.
Appearance Clear, yellow	Physical State Slightly viscous liquid
	Odor Lemon, grapefruit, floral

### Precautionary Statements - Prevention

Wash hands and any exposed skin thoroughly after handling

### Precautionary Statements - Response

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

### Precautionary Statements - Storage

None

### Precautionary Statements - Disposal

None

### Hazards not otherwise classified (HNOC)

Not applicable

### Unknown Toxicity

3.86% of the mixture consists of ingredient(s) of unknown toxicity

### Other information

No information available.

### Interactions with Other Chemicals

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Alcohols, C10-14, ethoxylated	66455-15-0	1 - 5	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**

First aid measures

**General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Get medical attention immediately if irritation persists.

**Skin Contact**

Rinse skin with plenty of water. If irritation persists, call a doctor.

**Inhalation**

Move to fresh air. If breathing is affected, call a doctor.

**Ingestion**

Drink a glassful of water. Call a poison control center or doctor immediately. **DO NOT** induce vomiting unless told to do so by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects

Stinging and irritation of eyes.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

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

Specific Hazards Arising from the Chemical

No information available

Explosion Data

Sensitivity to Mechanical Impact

None

Sensitivity to Static Discharge

None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Avoid contact with eyes.

**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** Prevent further leakage or spillage if safe to do so.

### Methods for Cleaning Up

Absorb and containize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alcohols, C10-14, ethoxylated 66455-15-0	None	None	None

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

### Appropriate engineering controls

### Engineering Measures

Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	If splashes are likely to occur, wear safety glasses with side-shields. None required for consumer use.
<b>Skin and Body Protection</b>	No special protective equipment required.
<b>Respiratory Protection</b>	If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene Measures</b>	Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical and Chemical Properties</b>		
<b>Physical State</b>	Slightly viscous liquid	
<b>Appearance</b>	Clear	<b>Odor</b>
<b>Color</b>	Yellow	<b>Odor Threshold</b>
		Lemon, grapefruit, floral No information available
<b>Property</b>	<b>Values</b>	<b>Remarks/Method</b>
<b>pH</b>	10 - 11	None known
<b>Melting/freezing point</b>	No data available	None known
<b>Boiling Point/Range</b>	No data available	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>	No data available	None known
<b>Upper flammability limit</b>	No data available	None known
<b>Lower flammability limit</b>	No data available	None known
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity</b>	No data available	None known
<b>Water Solubility</b>	~1.0 Soluble in water.	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	~15 cP	None known
<b>Explosive Properties</b>	Not explosive	None known
<b>Oxidizing Properties</b>	No data available	None known
<b>Other Information</b>		
<b>Softening Point</b>	No data available	
<b>VOC Content (%)</b>	No data available	
<b>Particle Size</b>	No data available	
<b>Particle Size Distribution</b>	No data available	

**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known.

**Incompatible materials**

None known.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

**Inhalation** Exposure to vapor or mist may irritate respiratory tract.

**Eye Contact** May cause eye irritation.

**Skin Contact** Prolonged contact may cause irritation.

**Ingestion** Ingestion may cause irritation to mucous membranes and gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Information on toxicological effects**

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

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

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** Carcinogenic potential is unknown.

**Target Organ Effects** Eyes: No information available.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information** The following values are calculated based on chapter 3.1 of the GHS document Not applicable.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity

No information available.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available.

**13. DISPOSAL CONSIDERATIONS**

Disposal methods

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

**14. TRANSPORT INFORMATION**

DOT

Not regulated

TDG

Not regulated

ICAO

Not regulated

IATA

Not regulated

IMDG/IMO

Not regulated

**15. REGULATORY INFORMATION**

Chemical Inventories

**TSCA** All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

**DSL/NDSL**

All components are on the DSL or NDSL.

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

**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**

U.S. Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**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.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

Canada

WHMIS Hazard Class

D2B Toxic Materials



16. OTHER INFORMATION				
<b><u>NFPA</u></b>	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b><u>HMS</u></b>	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal Protection A
<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501			
<b>Preparation/Revision Date</b>	January 5, 2015			
<b>Revision Date</b>	New			
<b>Revision Note</b>	New			
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**General 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