



# SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

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

### Product identifier

Product Name Pine-Sol® Multi-Surface Cleaner - Lemon Fresh

4/20/2015

### Other means of identification

Synonyms None

PINE SOL ALL PURPOSE  
CLEANER Lemon Scent

### 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 of Canada Ltd.  
150 Biscayne Crescent  
Brampton, Ontario L6W 4V3

Phone: 1-905-595-8200

### Emergency telephone number

#### Emergency Phone Numbers

For Medical Emergencies call: 1-800-446-1014  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

**2. HAZARDS IDENTIFICATION**

**Classification**

This chemical is considered hazardous under GHS.

Serious eye damage/eye irritation	Category 2B
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**GHS Label elements, including precautionary statements**

**Emergency Overview**

<b>Signal word</b>	<b>Warning</b>		
<b>Hazard statements</b>	Causes eye irritation		
	No pictogram required.		
<b>Appearance</b>	Clear, yellow	<b>Physical State</b>	Slightly viscous liquid
		<b>Odour</b>	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**

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Rinse skin with plenty of water. If irritation persists, call a doctor.
<b>Inhalation</b>	Move to fresh air. If breathing is affected, call a doctor.
<b>Ingestion</b>	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 containerize. 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 CONTROL/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

### Physical and Chemical Properties

<b>Physical State</b>	Slightly viscous liquid	<b>Odour</b>	Lemon, grapefruit, floral
<b>Appearance</b>	Clear	<b>Odour Threshold</b>	No information available
<b>Colour</b>	Yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	10 - 11	None known
Melting/freezing point	No data available	None known
Boiling Point/Range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapour pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	~1.0	None known
Water Solubility	Soluble in water.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	~15 cP	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	
<b><u>Other Information</u></b>		
Softening Point	No data available	
VOC Content (%)	No data available	
Particle Size	No data available	
Particle Size Distribution	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 vapour 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.

#### **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, provincial, and local regulations.

**Contaminated Packaging**  
Do not reuse empty containers. Dispose of in accordance with all applicable federal, provincial, and local regulations.

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	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

**Canada Regulations**

**Canada**  
**WHMIS Hazard Class**  
D2B Toxic Materials



**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal Protection A

**Prepared By** Product Stewardship  
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**General Disclaimer**

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End of Safety Data Sheet