



# Material Safety Data Sheet

Issuing date 07-Oct-2011

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Swisher Glow Cleaner Polish  
**Product code** 41819  
**Recommended Use** Aerosol- Furniture Polish

### Distributor

Swisher Hygiene Inc.  
4725 Piedmont Row Drive,  
Suite 400,  
Charlotte, NC 28210

**Chemical Emergency Phone Number** 800-424-9300 (Chemtrec)

**Company Emergency Phone Number** 800-444-4138

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Aerosol. CONTENTS UNDER PRESSURE

**Appearance** gel **Physical state** liquid. **Odor** Citrus

### Potential Health Effects

#### Acute toxicity

##### Eyes

May cause irritation

##### Skin

Frequent or prolonged skin contact may cause irritation. May aggravate existing skin conditions.

##### Inhalation

Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects. Excessive inhalation of mist may lead to fibrosis and reduced pulmonary function.

##### Ingestion

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis and delayed pulmonary edema.

#### Chronic Effects

No known effect based on information supplied

#### Aggravated Medical Conditions

None known.

#### Environmental hazard

See Section 12 for additional Ecological Information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
D-Limonene	5989-27-5	1-10

Petroleum gases, liquified, sweetened	68476-86-8	10-20
White mineral oil	8042-47-5	10-20

#### 4. FIRST AID MEASURES

<b>Eye contact</b>	Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
<b>Skin contact</b>	Wash with soap & water. See physician if irritation persists.
<b>Inhalation</b>	Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.
<b>Ingestion</b>	Do NOT induce vomiting Immediate medical attention is required
<b>Notes to physician</b>	Treat symptomatically

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	FLAMMABLE			
<b>Flash point</b>	N/A			
<b>Suitable Extinguishing Media</b>	Foam, Carbon dioxide, Dry media			
<b>Hazardous Combustion Products</b>	Carbon dioxide Carbon monoxide			
<b>Explosion Data</b>				
<b>Sensitivity to Mechanical Impact</b>	none			
<b>Sensitivity to Static Discharge</b>	none			
<b>Specific hazards arising from the chemical</b>	Exposure to temperature above 120° F may cause bursting.			
<b>Protective Equipment and Precautions for Firefighters</b>	Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.			
<b>NFPA</b>	<b>Health Hazard</b> 0	<b>Flammability</b> 0	<b>Stability</b> 0	<b>Physical and chemical hazards - Personal protection</b> B
<b>HMIS</b>	<b>Health Hazard</b> 1	<b>Flammability</b> 3	<b>Physical Hazard</b> 0	

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation
<b>Environmental precautions</b>	Try to prevent the material from entering drains or water courses
<b>Methods for Containment</b>	Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. Keep sparks, heat sources and open flame far away from spill or leak. NO SMOKING.
<b>Methods for cleaning up</b>	Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

#### 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	KEEP OUT OF REACH OF CHILDREN DO NOT SMOKE
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<b>Technical measures/Storage conditions</b>	For industrial and institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** Review Section 3 & 4 for Exposure Guidelines.

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### **Personal Protective Equipment Institutional Environment**

<b>Eye/Face Protection</b>	Safety glasses are suggested when using this product in heavy use and institutional environments.
<b>Consumer Environments</b>	Care should be taken to avoid Eye contact.
<b>Skin and body protection</b>	Rubber gloves
<b>Respiratory protection</b>	Unnecessary in open institutional environment.
<b>Hygiene measures</b>	Practice good personal hygiene. Wash after handling.

### **Personal Protective Equipment Industrial Environment**

<b>Eye/Face Protection</b>	Splash-proof chemical goggles or face shield.
<b>Skin and body protection</b>	Impervious rubber, alkali-proof protective gloves Impervious rubber boots & apron.
<b>Respiratory protection</b>	If exposure limits are exceeded or 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>	Practice good personal hygiene. Wash after handling. Shower at end of work period Practice good personal hygiene. Wash after handling

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical state</b>	liquid	<b>Odor</b>	Citrus
<b>Appearance</b>	gel	<b>Odor Threshold</b>	No information available
<b>Color</b>	white		
<b>Property</b>	<b>Values</b>	<b>Remarks</b>	<b>Methods</b>
<b>pH</b>	11	No information available	
<b>Melting/freezing point</b>		No information available	
<b>Freezing Point</b>		No information available	
<b>Boiling point/boiling range</b>	212 °F	No information available	
<b>Flash Point</b>		No information available	
<b>Evaporation rate</b>		No information available	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limits in Air</b>		No information available	
<b>upper flammability limit</b>			
<b>lower flammability limit</b>			
<b>Explosion Limits</b>			
<b>upper</b>			
<b>lower</b>			
<b>Vapor pressure</b>	55	No information available	
<b>Vapor density</b>	>1	No information available	
<b>Specific Gravity</b>	0.96	No information available	

<b>Water solubility</b>	Completely soluble.	No information available
<b>Solubility in other solvents</b>		No information available
<b>Partition coefficient: n-octanol/water</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Viscosity, kinematic</b>		No information available
<b>Viscosity, dynamic</b>		No information available
<b>Explosive properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

**9.2 Other information**

<b>Softening point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content(%)</b>	No information available
<b>Density VALUE</b>	No information available
<b>Bulk Density VALUE</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable
<b>Incompatible products</b>	Avoid contact with strong oxidizing agents
<b>Conditions to Avoid</b>	None known based on information supplied
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO) Carbon dioxide (CO <sub>2</sub> )
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
D-Limonene	4400 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	
White mineral oil	5000 mg/kg ( Rat )		

**Chronic toxicity**

Chemical Name	ACGIH	IARC	NTP	OSHA
D-Limonene		Group 3		

**Target Organ Effects** None known.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates

D-Limonene		0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50		
White mineral oil		10000: 96 h Lepomis macrochirus mg/L LC50		

Chemical Name	log Pow
Petroleum gases, liquified, sweetened	2.8

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods**                      Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

**Contaminated packaging**                      Do not re-use empty containers

Chemical Name	California Hazardous Waste Status
D-Limonene	Toxic

**14. TRANSPORT INFORMATION**

**Note**    Consumer Commodity, ORM-D

**Dot**    Not regulated  
**Proper shipping name**                      Consumer Commodity, ORM-D

**TDG**    Not regulated

**MEX**    Not regulated

**ICAO**    Not regulated

**ICAO/IATA**    Not regulated

**IMDG / IMO**    Not regulated

**RID**    Not regulated

**ADR/RID**    Not regulated

**ADN**    Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	TSCA
<b>DSL</b>	Complies
<b>NDSL</b>	Complies
<b>EINECS</b>	Complies
<b>ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**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 Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

## U.S. Federal Regulations

### **SARA 313**

SARA TITLE III (EPCRA) NOTIFICATION: PHOSPHORIC ACID [Reportable under section 313 and section 6607 of the Pollution Prevention Act]

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: PHOSPHORIC ACID For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	no
<b>Chronic Health Hazard</b>	no
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	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**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

**Prepared By** Swisher Hygiene Inc.  
4725 Piedmont Row Drive  
Suite 400  
Charlotte, NC 28210

**Issuing date** 07-Oct-2011  
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**Revision Note** No information available

**Disclaimer**

The information provided on this MSDS 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 of Material Safety Data Sheet**