



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 Glow Cleaner 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

Eye contact	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.
Skin contact	Wash with soap & water. See physician if irritation persists.
Inhalation	Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.
Ingestion	Do NOT induce vomiting Immediate medical attention is required
Notes to physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation
Environmental precautions	Try to prevent the material from entering drains or water courses
Methods for Containment	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.
Methods for cleaning up	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

Advice on safe handling	KEEP OUT OF REACH OF CHILDREN DO NOT SMOKE
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Technical measures/Storage conditions	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

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

Personal Protective Equipment Industrial Environment

Eye/Face Protection	Splash-proof chemical goggles or face shield.
Skin and body protection	Impervious rubber, alkali-proof protective gloves Impervious rubber boots & apron.
Respiratory protection	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.
Hygiene measures	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

Physical state	liquid	Odor	Citrus
Appearance	gel	Odor Threshold	No information available
Color	white		

Property	Values	Remarks Methods
pH	11	No information available
Melting/freezing point		No information available
Freezing Point		No information available
Boiling point/boiling range	212 °F	No information available
Flash Point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		No information available
upper flammability limit		
lower flammability limit		
Explosion Limits		
upper		
lower		
Vapor pressure	55	No information available
Vapor density	>1	No information available
Specific Gravity	0.96	No information available

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

9.2 Other information

Softening point	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Density VALUE	No information available
Bulk Density VALUE	No information available

10. STABILITY AND REACTIVITY

Stability	Stable
Incompatible products	Avoid contact with strong oxidizing agents
Conditions to Avoid	None known based on information supplied
Hazardous Decomposition Products	Carbon monoxide (CO) Carbon dioxide (CO ₂)
Hazardous Polymerization	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

TSCA	TSCA
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	-
ENCS	-
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	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

Acute Health Hazard	no
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

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.
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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