

TWINKLE STAINLESS STEEL CLEANER & POLISH

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity 	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>1</td></tr><tr><td>Fire Hazard</td><td>4</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	1	Fire Hazard	4	Reactivity	0
Health	1								
Fire Hazard	4								
Reactivity	0								
Specific Hazard									
Protective Clothing None required.	Emergency Overview	Off-white. Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE. May be mildly irritating to eyes. May be mildly irritating to skin.							

Section 1. Chemical Product and Company Identification

Product Name TWINKLE STAINLESS STEEL CLEANER & POLISH	Code 91224
Product Use Industrial/Institutional: Cleaning product.	PMS# Not available.
MSDS# 126155001	Validation Date 6/24/2004
U.S. Headquarters Consumer Branded Professional Products Division, Johnson Diversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249	Print Date 6/24/2004
	Supersedes No Previous Validation.
	In Case of Emergency (800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Silicones	63148-62-9	0.1-1	Not available.	DERMAL (LD50): Acute: 19400 mg/kg [Rabbit]. Not available.
Butane	106-97-8	5-10	ACGIH TLV (United States, 2003). Notes: TWA: 1900 mg/m ³ 8 hour(s). TWA: 800 ppm 8 hour(s). OSHA PEL 1989 (United States, 1989). Notes: TWA: 1900 mg/m ³ 8 hour(s). TWA: 800 ppm 8 hour(s).	
Propane	74-98-6	5-10	ACGIH TLV (United States, 2003). Notes: TWA: 1900 mg/m ³ 8 hour(s). TWA: 800 ppm 8 hour(s). ACGIH (United States). TWA: 4508 mg/m ³ ACGIH TLV (United States, 2003). Notes: 1998 Adoption. TWA: 2500 ppm 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 1800 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).	Not available.
White Mineral Oil	8042-47-5	1-5	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

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Section 3. Hazards Identification

Routes of Entry Inhalation. Skin contact. Eye contact.

Potential Acute Health Effects

Eyes May be mildly irritating to eyes.

Skin May be mildly irritating to skin.

Inhalation May be irritating to nose, throat, and respiratory tract.

Ingestion None known.

Medical Conditions None known.

**Aggravated by
Overexposure:**

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush immediately with plenty of water. Get medical attention if irritation occurs.

Skin Contact Flush immediately with plenty of water. Get medical attention if irritation occurs.

Inhalation If breathing is difficult: Remove to fresh air. Get medical attention.

Ingestion No specific first aid measures are required.

Section 5. Fire Fighting Measures

**Flammability of the
Product** NFPA 30B Level 1 Aerosol.

Flash Points CLOSED CUP: <-7°C (19.4°F).

Products of Combustion None known.

**Fire Fighting Media
and Instructions** Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam.
Normal fire fighting procedure may be used.

**Special Remarks on Fire
and Explosion Hazards** Aerosol product - Containers may rocket or explode in heat of fire.

Section 6. Accidental Release Measures

Personal Precautions Put on appropriate personal protective equipment (see Section 8).

**Environmental
Precautions and Clean-up
Methods** In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling Avoid contact with skin and eyes. Do not puncture or incinerate. FOR INDUSTRIAL USE ONLY

Storage Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. Pressurized container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

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Section 8. Exposure Controls/Personal Protection

Engineering Controls No special ventilation requirements. General room ventilation is adequate.

Personal Protection

Eyes No special protective clothing is required.

Hands No special protective clothing is required.

Respiratory No special protective clothing is required.

Feet No special protective clothing is required.

Body No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid. (Aerosol.)

Odor Lemon like.

Color Off-white.

Specific Gravity 0.85

Solubility in water Dispersible.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Conditions of Instability None known.

Incompatibility with Various Substances Not available.

Hazardous Decomposition Products When exposed to fire: Produces normal products of combustion.

Hazardous Polymerization Will not occur.

Section 11. Toxicological Information

Acute toxicity ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).

Effects of Chronic Exposure None known.

Other Toxic Effects Not available.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information If possible, recycle empty aerosol cans to the nearest steel recycling center. Use up package or give to someone who can. Dispose of according to all federal, state and local regulations.

Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.

TDG Classification

TDG Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.

TDG Class

PIN/NIP

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TDG Special
Considerations

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal Clean air act (CAA) 112 accidental release prevention: Butane
Clean air act (CAA) 112 regulated flammable substances: Butane, Propane
CERCLA: Hazardous substances.: Propane

State New Jersey: Butane, Propane
Massachusetts spill list: Butane, Propane
Massachusetts RTK: Butane, Propane
Pennsylvania RTK: Butane, Propane

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification Class A: Compressed gas.

WHMIS Icon



Registered Product Information Not applicable.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations Not available.

Version 2

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