



# SPITFIRE SC POWER CLEANER

<b>National Fire Protection Association (NFPA)</b>	<div><div>Fire Hazard</div><div>Health</div><div>Reactivity</div></div> 	<b>Hazardous Material Information System (HMIS)</b>	<table><tr><td>Health</td><td>2</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	2	Fire Hazard	0	Reactivity	0
Health	2								
Fire Hazard	0								
Reactivity	0								
<b>Protective Clothing</b> 	<b>Specific Hazard</b>	<b>Emergency Overview</b>	Red. Liquid. See Section 9. WARNING: CAUSES EYE IRRITATION. HARMFUL IF SWALLOWED.						

## Section 1. Chemical Product and Company Identification

<b>Product Name</b>	<b>SPITFIRE SC POWER CLEANER</b>	<b>Code</b>	3723 & 4966
<b>Product Use</b>	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.	<b>PMS#</b>	436536
<b>MSDS#</b>	113703002	<b>Validation Date</b>	4/25/2002
<b>U.S. Headquarters</b> Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	<b>Canadian Headquarters</b> Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	<b>Print Date</b>	4/25/2002
		<b>Supersedes</b>	No Previous Validation.
		<b>In Case of Emergency</b>	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Ethylenediaminetetraacetic Acid	60-00-4	1-5	Not available.	Not available.
Potassium Hydroxide	1310-58-3	1-5	<b>OSHA (United States).</b> CEIL: 2 mg/m <sup>3</sup> <b>ACGIH (United States).</b> STEL: 2 mg/m <sup>3</sup>	ORAL (LD50): Acute: 365 mg/kg [Rat]. 273 mg/kg [Male. Rat].
Alkoxylated Linear Alcohol	68439-50-9	1-5	Not available.	Not available.
Monoethanolamine	141-43-5	5-10	<b>OSHA (United States).</b> TWA: 8 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 7.5 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
Propylene Glycol	57-55-6	10-30	Not available.	ORAL (LD50): Acute: 20000 mg/kg [Rat]. DERMAL (LD50): Acute: 20800 mg/kg [Rabbit]. ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
2-Butoxyethanol	111-76-2	10-30	<b>OSHA (United States).</b> TWA: 120 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 97 mg/m <sup>3</sup>	ORAL (LD50): Acute: 20000 mg/kg [Rat]. DERMAL (LD50): Acute: 20800 mg/kg [Rabbit]. ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
Water	7732-18-5	30-60	Not available.	Not available.

## Section 3. Hazards Identification

<b>Routes of Entry</b>	Eye contact. Skin contact Inhalation.
<b>Potential Acute Health Effects</b>	<div> <b>Eyes</b> May be severely irritating to eyes. </div> <div> <b>Skin</b> May be mildly irritating to skin. </div> <div> <b>Inhalation</b> May be irritating to nose, throat, and respiratory tract. </div> <div> <b>Ingestion</b> Harmful if swallowed. May cause gastrointestinal irritation. </div>
<b>Medical Conditions Aggravated by Overexposure:</b>	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
<b>See Toxicological Information (section 11)</b>	

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
<b>Skin Contact</b>	Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air. Get medical attention.
<b>Ingestion</b>	Immediately drink one cupful of water or milk. Call a physician. Do NOT induce vomiting unless directed to do so by medical personnel.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	None.
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Protective Clothing (Fire)</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Special Remarks on Fire and Explosion Hazards</b>	None known.

**Section 6. Accidental Release Measures**

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Environmental Precautions and Clean-up Methods</b>	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**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. <b>FOR COMMERCIAL AND INDUSTRIAL USE ONLY.</b>
<b>Storage</b>	Protect from freezing. Store in a dry, cool and well-ventilated area. <b>KEEP OUT OF REACH OF CHILDREN.</b>

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<b>Eyes</b>	Safety glasses with side shields.
<b>Hands</b>	Chemical resistant gloves. Includes: Neoprene gloves.
<b>Respiratory</b>	No special requirements under normal use conditions.
<b>Feet</b>	No special requirements under normal use conditions.
<b>Body</b>	If major exposure is possible, wear suitable protective clothing.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid.
<b>Odor</b>	Fresh.
<b>Color</b>	Red. (Dark.)
<b>pH</b>	>13 [Basic.]
<b>Specific Gravity</b>	1.02
<b>Boiling/Condensation Point</b>	74°C (165.2°F)
<b>Melting/Freezing Point</b>	<-1°C (30.2°F)
<b>Solubility in water</b>	Complete.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	Reactive with acids.
<b>Hazardous Decomposition Products</b>	When exposed to fire: Produces normal products of combustion.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

<b>Acute toxicity</b>	Acute oral toxicity (LD50) Estimated to be greater than 2000 mg/kg (rat).
<b>Effects of Chronic Exposure</b>	None known.
<b>Other Toxic Effects</b>	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	No special precautions. Dispose of according to all federal, state and local applicable regulations.
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**Section 14. Transport Information**
**DOT Classification**

<b>DOT Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
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**TDG Classification**

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

**Section 15. Regulatory Information**
**Reporting in this section is based on ingredients disclosed in Section 2**
**US Regulations**

<b>Federal</b>	Clean Water Act (CWA) 311: Potassium hydroxide, Ethylenediaminetetraacetic Acid CERCLA: Hazardous substances.: Potassium hydroxide, Ethylenediaminetetraacetic Acid, 2-Butoxyethanol
<b>State</b>	New Jersey spill list: Potassium hydroxide, Ethylenediaminetetraacetic Acid, 2-Butoxyethanol New Jersey: Monoethanolamine, Potassium hydroxide, Ethylenediaminetetraacetic Acid, 2-Butoxyethanol Massachusetts spill list: Monoethanolamine, Potassium hydroxide, Ethylenediaminetetraacetic Acid, 2-Butoxyethanol Massachusetts RTK: Monoethanolamine, Potassium hydroxide, Ethylenediaminetetraacetic Acid, 2-Butoxyethanol Pennsylvania RTK: Propylene Glycol, Monoethanolamine, Potassium hydroxide, Ethylenediaminetetraacetic Acid, 2-Butoxyethanol This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** Not applicable.

**Canadian Regulations**

**Canadian NPRI** Canadian NPRI: 2-Butoxyethanol.

**WHMIS Classification** Class D-2B: Material causing other toxic effects (TOXIC).

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 1.02

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