


# SPITFIRE RTU POWER CLEANER

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		0	
	Reactivity		0	
Specific Hazard			Reactivity	0
Protective Clothing		Emergency Red. Liquid. See Section 9.	Overview WARNING: CAUSES EYE AND SKIN IRRITATION. HARMFUL IF SWALLOWED.	

Section 1. Chemical Product and Company Identification				
Product Name	SPITFIRE RTU POWER CLEANER		Code	3702 & 3722 & 3724
Product Use	Industrial/Institutional: Cleaning product.		PMS#	2902649
MSDS#	113702002		Validation Date	1/7/2004
U.S. Headquarters	Canadian Headquarters		Print Date	1/7/2004
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com	JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131		Supersedes	6/13/2002
			In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Xylene Sulfonate	1300-72-7	1-5	Not available.	Not available.
Tetrasodium Salt of EDTA	64-02-8	1-5	Not available.	Not available.
Ethoxylated Alcohol	68551-12-2	1-5	Not available.	Not available.
Monoethanolamine	141-43-5	1-5	<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> <b>OSHA PEL (United States, 1993). Notes:</b> TWA: 6 mg/m <sup>3</sup> 8 hour(s). TWA: 3 ppm 8 hour(s)	ORAL (LD50): Acute: 1720 mg/kg [Rat]. 620 mg/kg [Guinea pig]. 700 mg/kg [Mouse]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
2-Butoxyethanol	111-76-2	5-10	<b>OSHA (United States).</b> TWA: 120 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 97 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). Notes: 2002 Adoption.</b> TWA: 20 ppm 8 hour(s). <b>OSHA PEL (United States, 1993). Skin Notes:</b> TWA: 240 mg/m <sup>3</sup> 8 hour(s). TWA: 50 ppm 8 hour(s)	ORAL (LD50): Acute: 470 mg/kg [Rat]. 300 mg/kg [Rabbit]. 1200 mg/kg [Guinea pig]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
Water	7732-18-5	60-100	Not available.	Not available.

**Section 3. Hazards Identification**

<b>Routes of Entry</b>	Inhalation. Skin contact. Eye contact.
<b>Potential Acute Health Effects</b>	
<i>Eyes</i>	May be severely irritating to eyes.
<i>Skin</i>	May be moderately irritating to skin.
<i>Inhalation</i>	May be irritating to nose, throat, and respiratory tract.
<i>Ingestion</i>	May be irritating to mouth, throat and stomach.
<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. If irritation persists, get medical attention.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air. Get medical attention.
<b>Ingestion</b>	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Closed cup: >93.333°C (200°F).
<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>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. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Protect from freezing. Store in a dry, cool and well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

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

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

**Personal Protection**

*Eyes* Safety glasses with side shields.

*Hands* Chemical resistant gloves. Includes: Neoprene gloves. Rubber gloves.

*Respiratory* No special requirements under normal use conditions.

*Feet* No special requirements under normal use conditions.

*Body* If major exposure is possible, wear suitable protective clothing.

**Section 9. Physical and Chemical Properties**

**Physical State and Appearance** Liquid.

**Odor** Fresh.

**Color** Red.

**pH** 12 to 12.5 [Basic.]

**Specific Gravity** 1.04

**Boiling/Condensation Point** 100°C (212°F)

**Melting/Freezing Point** 0°C (32°F)

**Solubility in water** Complete.

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Conditions of Instability** None known.

**Incompatibility with Various Substances** Reactive with oxidizing agents, acids.

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

**Hazardous Polymerization** Will not occur.

**Section 11. Toxicological Information**

**Acute toxicity** 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** No special precautions. 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.

**Section 15. Regulatory Information**

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

**US Regulations**

**Federal** SARA 302/304/311/312 hazardous chemicals: Monoethanolamine, Tetrasodium Salt of EDTA, 2-Butoxyethanol  
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Monoethanolamine, Tetrasodium Salt of EDTA, 2-Butoxyethanol  
SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol  
CERCLA: Hazardous substances.: 2-Butoxyethanol

**State** New Jersey spill list: 2-Butoxyethanol  
New Jersey: Monoethanolamine, 2-Butoxyethanol  
Massachusetts spill list: Monoethanolamine, 2-Butoxyethanol  
Massachusetts RTK: Monoethanolamine, 2-Butoxyethanol  
Pennsylvania RTK: Monoethanolamine, 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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