


# 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.<br>8310 16th Street<br>Sturtevant, Wisconsin 53177-0902<br>Phone: (888) 352-2249<br>MSDS Internet Address:<br>www.johnsondiversey.com | JohnsonDiversey - Canada, Inc.<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>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><br>TWA: 8 mg/m <sup>3</sup><br>STEL: 15 mg/m <sup>3</sup><br><b>ACGIH (United States).</b><br>TWA: 7.5 mg/m <sup>3</sup><br>STEL: 15 mg/m <sup>3</sup><br><b>OSHA PEL (United States, 1993). Notes:</b><br>TWA: 6 mg/m <sup>3</sup> 8 hour(s).<br>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><br>TWA: 120 mg/m <sup>3</sup><br><b>ACGIH (United States).</b><br>TWA: 97 mg/m <sup>3</sup><br><b>ACGIH TLV (United States, 2003). Notes: 2002 Adoption.</b><br>TWA: 20 ppm 8 hour(s).<br><b>OSHA PEL (United States, 1993). Skin Notes:</b><br>TWA: 240 mg/m <sup>3</sup> 8 hour(s).<br>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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