

# DELIBLE INK REMOVER

|                                                        |                                                                                                                                                                                                                                                                |                                                         |                                                                                                                                     |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <div>National Fire Protection Association (NFPA)</div> | <div><div><div>Fire Hazard</div><div>Health</div><div>Reactivity</div></div><div><div>0</div><div>3</div><div>0</div></div></div>                                                                                                                              | <div>Hazardous Material Information System (HMIS)</div> | <div><div>Health</div><div>3</div></div> <div><div>Fire Hazard</div><div>0</div></div> <div><div>Reactivity</div><div>0</div></div> |
| <div>Specific Hazard</div>                             |                                                                                                                                                                                                                                                                |                                                         |                                                                                                                                     |
| <div>Protective Clothing</div>                         | <div></div> | <div>Emergency Overview</div>                           | <div>Clear Colorless. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.</div>     |

## Section 1. Chemical Product and Company Identification

|                                                                                                                                                                                                                                    |                                                                                                                                                                                                                          |                      |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|
| Product Name                                                                                                                                                                                                                       | DELIBLE INK REMOVER                                                                                                                                                                                                      | Code                 | 3729                   |
| Product Use                                                                                                                                                                                                                        | Industrial/Institutional: Carpet care.                                                                                                                                                                                   | PMS#                 | 3128106                |
| MSDS#                                                                                                                                                                                                                              | 126352001                                                                                                                                                                                                                | Validation Date      | 5/13/2003              |
| <div>U.S. Headquarters</div> <div>Johnson Wax Professional</div> <div>8310 16th Street</div> <div>Sturtevant, Wisconsin 53177-0902</div> <div>Phone: (888) 352-2249</div> <div>MSDS Internet Address:</div> <div>www.jwp.com</div> | <div>Canadian Headquarters</div> <div>Johnson Wax Professional</div> <div>100 Matheson Blvd. East, Suite 203</div> <div>Mississauga, Ontario L4Z 2G7</div> <div>Phone: (905) 755-0913 or</div> <div>(888) 746-5971</div> | Print Date           | 5/13/2003              |
|                                                                                                                                                                                                                                    |                                                                                                                                                                                                                          | 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                                                                                                                                                                                                                    |
|-------------------------------|-----------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monoethanolamine              | 141-43-5  | 5-10        | <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> | ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].                                                                                                                                             |
| 2-Butoxyethanol               | 111-76-2  | 10-30       | <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>                                                            | ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat]. ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 2700 mg/kg [Rabbit]. Not available. |
| Diethylene Glycol Butyl Ether | 112-34-5  | 10-30       | Not available.                                                                                                                                                                      |                                                                                                                                                                                                                              |
| Water                         | 7732-18-5 | 30-60       | Not available.                                                                                                                                                                      |                                                                                                                                                                                                                              |

## Section 3. Hazards Identification

|                                            |                                                                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------|
| Routes of Entry                            | Inhalation. Skin contact. Eye contact.                                            |
| Potential Acute Health Effects             |                                                                                   |
| <i>Eyes</i>                                | Corrosive. May cause permanent damage including blindness.                        |
| <i>Skin</i>                                | Corrosive. May cause permanent damage.                                            |
| <i>Inhalation</i>                          | May cause irritation and corrosive effects to nose, throat and respiratory tract. |
| <i>Ingestion</i>                           | Corrosive. May cause burns to mouth, throat, and stomach.                         |
| Medical Conditions                         | None known.                                                                       |
| Aggravated by Overexposure:                |                                                                                   |
| See Toxicological Information (section 11) |                                                                                   |

#### 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 immediately.                          |
| <b>Skin Contact</b> | Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.                                                   |
| <b>Inhalation</b>   | If breathing is difficult: Remove to fresh air. Get medical attention immediately.                                                                   |
| <b>Ingestion</b>    | Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

#### Section 5. Fire Fighting Measures

|                                                      |                                                                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flammability of the Product</b>                   | None known.                                                                                                                         |
| <b>Flash Points</b>                                  | Not available.                                                                                                                      |
| <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> | Corrosive material (See sections 8 and 10).                                                                                         |

#### 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. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. 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>  | Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.                                                                                                                                                                                                                                                                         |

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

|                             |                                                                                                                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering Controls</b> | Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.                                                                                                                                                    |
| <b>Personal Protection</b>  |                                                                                                                                                                                                                                                                                                        |
| <i>Eyes</i>                 | Chemical splash goggles.                                                                                                                                                                                                                                                                               |
| <i>Hands</i>                | Chemical resistant gloves. Includes: Neoprene gloves.                                                                                                                                                                                                                                                  |
| <i>Respiratory</i>          | If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. |
| <i>Feet</i>                 | Protective footwear.                                                                                                                                                                                                                                                                                   |
| <i>Body</i>                 | If major exposure is possible, wear suitable protective clothing and footwear.                                                                                                                                                                                                                         |

#### Section 9. Physical and Chemical Properties

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>Physical State and Appearance</b> | Liquid.               |
| <b>Odor</b>                          | Apple-like.           |
| <b>Color</b>                         | Clear Colorless.      |
| <b>pH</b>                            | 10.7 to 11.3 [Basic.] |
| <b>Specific Gravity</b>              | 0.99                  |
| <b>Boiling/Condensation Point</b>    | 100°C (212°F)         |
| <b>Melting/Freezing Point</b>        | 0°C (32°F)            |

**Continued on Next Page**

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 | Do not mix with any other chemicals or products unless specified by label. |
| 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) Between 2500 and 5000 mg/kg (rat). Corrosive. |
| Effects of Chronic Exposure | None known.                                               |
| Other Toxic Effects         | Not available.                                            |

### Section 12. Ecological Information

Not available.

### Section 13. Disposal Considerations

|                   |                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste Information | Undiluted product is regulated under environmental and transportation laws as a corrosive waste. 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 CERCLA: Hazardous substances.: 2-Butoxyethanol, Diethylene Glycol Butyl Ether

State New Jersey spill list: 2-Butoxyethanol, Diethylene Glycol Butyl Ether  
 New Jersey: Monoethanolamine, 2-Butoxyethanol, Diethylene Glycol Butyl Ether  
 Massachusetts spill list: Monoethanolamine, 2-Butoxyethanol  
 Massachusetts RTK: Monoethanolamine, 2-Butoxyethanol  
 Pennsylvania RTK: Monoethanolamine, 2-Butoxyethanol, Diethylene Glycol Butyl Ether

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).  
 CLASS E: Corrosive liquid.

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** 1.01

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