

# STAINLESS STEEL CLEANER

|                                                    |                                                                                                      |                                                     |                                                                                                                                                        |        |   |             |   |            |   |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|-------------|---|------------|---|
| <b>National Fire Protection Association (NFPA)</b> | <div><div>Fire Hazard</div><div>Health<div>140</div>Reactivity</div><div>Specific Hazard</div></div> | <b>Hazardous Material Information System (HMIS)</b> | <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                                                                                                    |                                                     |                                                                                                                                                        |        |   |             |   |            |   |
| <b>Protective Clothing</b>                         | None required.                                                                                       | <b>Emergency Overview</b>                           | Off-white. Aerosol. See Section 9.<br>CAUTION: FLAMMABLE. CONTENTS UNDER PRESSURE. May be mildly irritating to eyes. May be mildly irritating to skin. |        |   |             |   |            |   |

## Section 1. Chemical Product and Company Identification

|                                                                                                                                                                         |                                                                                                                                                                       |                                 |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------|
| Product Name                                                                                                                                                            | STAINLESS STEEL CLEANER                                                                                                                                               | Code                            | 5277           |
| Product Use                                                                                                                                                             | Industrial/Institutional: Cleaning product.                                                                                                                           | PMS#                            | 438480         |
| MSDS#                                                                                                                                                                   | 114450001                                                                                                                                                             | Validation Date                 | 12/6/2000      |
| U.S. Headquarters<br>Johnson Wax Professional<br>8310 16th Street<br>Sturtevant, Wisconsin 53177-0902<br>Phone: (888) 352-2249<br>MSDS Internet Address:<br>www.jwp.com | Canadian Headquarters<br>Johnson Wax Professional<br>100 Matheson Blvd. East, Suite 203<br>Mississauga, Ontario L4Z 2G7<br>Phone: (905) 755-0913 or<br>(888) 746-5971 | Print Date                      | 12/6/2000      |
|                                                                                                                                                                         |                                                                                                                                                                       | Supersedes                      | 11/2/2000.     |
|                                                                                                                                                                         |                                                                                                                                                                       | <u>In Case of<br/>Emergency</u> | (800) 851-7145 |
|                                                                                                                                                                         |                                                                                                                                                                       |                                 |                |

## Section 2. Composition and Information on Ingredients

| Ingredients                       | CAS #      | % by Weight | Exposure Limits                                                                                                                                     | LC50/LD50                                                                                                |
|-----------------------------------|------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Propane                           | 74-98-6    | 1-5         | TWA: 1800 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States]<br>TWA: 4508 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]<br>Not available. | Not available.                                                                                           |
| Isobutane                         | 75-28-5    | 5-10        | Not available.                                                                                                                                      | VAPOR (LC50): Acute: 0.0057 ppm 0.25 hours [Rat].<br>Not available.<br>Not available.<br>Not applicable. |
| Isoparaffinic Hydrocarbon Solvent | 64742-48-9 | 10-30       | Not available.                                                                                                                                      |                                                                                                          |
| Light Naphthenic Distillate       | 64741-44-2 | 10-30       | Not available.                                                                                                                                      |                                                                                                          |
| Water                             | 7732-18-5  | 60-100      | Not available.                                                                                                                                      |                                                                                                          |

## Section 3. Hazards Identification

|                                            |                                        |
|--------------------------------------------|----------------------------------------|
| Routes of Entry                            | Inhalation. Skin contact. Eye contact. |
| Potential Acute Health Effects             |                                        |
| <i>Eyes</i>                                | May be mildly irritating to eyes.      |
| <i>Skin</i>                                | May be mildly irritating to skin.      |
| <i>Inhalation</i>                          | None known.                            |
| <i>Ingestion</i>                           | None known.                            |
| Medical Conditions                         | None known.                            |
| Aggravated by Overexposure:                |                                        |
| See Toxicological Information (section 11) |                                        |

#### Section 4. First Aid Measures

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| <b>Eye Contact</b>  | Flush immediately with plenty of water. Get medical attention if irritation occurs. |
| <b>Skin Contact</b> | Flush immediately with plenty of water. Get medical attention if irritation occurs. |
| <b>Inhalation</b>   | If breathing is difficult: Remove to fresh air.                                     |
| <b>Ingestion</b>    | No specific first aid measures are required.                                        |

#### Section 5. Fire Fighting Measures

|                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flammability of the Product</b>                   | NFPA 30B Level 1 Aerosol.                                                                                                                                                                                   |
| <b>Flash Points</b>                                  | CLOSED CUP: <-7°C (19.4°F). (propellant)                                                                                                                                                                    |
| <b>Products of Combustion</b>                        | None known.                                                                                                                                                                                                 |
| <b>Fire Fighting Media and Instructions</b>          | Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide. Fight fire from protected location or maximum possible distance. In case of fire and/or explosion do not breathe fumes. |
| <b>Protective Clothing (Fire)</b>                    | Put on appropriate personal protective equipment (see Section 8).                                                                                                                                           |
| <b>Special Remarks on Fire and Explosion Hazards</b> | Aerosol product - Containers may rocket or explode in heat of fire.                                                                                                                                         |

#### 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> | Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods. |

#### Section 7. Handling and Storage

|                 |                                                                                                                                                                                                                                                                                          |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b> | Avoid contact with skin and eyes. Use only in well-ventilated areas. Do not puncture or incinerate. FOR INDUSTRIAL USE ONLY                                                                                                                                                              |
| <b>Storage</b>  | 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 (120°F). Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN. |

#### 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>                 | No special requirements under normal use conditions.                       |
| <b>Hands</b>                | No special requirements under normal use conditions.                       |
| <b>Respiratory</b>          | No special requirements under normal use conditions.                       |
| <b>Feet</b>                 | No special requirements under normal use conditions.                       |
| <b>Body</b>                 | No special protective clothing is required.                                |

#### Section 9. Physical and Chemical Properties

|                                      |                    |
|--------------------------------------|--------------------|
| <b>Physical State and Appearance</b> | Liquid. (Aerosol.) |
| <b>Odor</b>                          | Mild.              |
| <b>Color</b>                         | Off-white.         |
| <b>pH</b>                            | Not available.     |
| <b>Specific Gravity</b>              | 0.8                |
| <b>Viscosity</b>                     | 100-500 cps        |
| <b>Solubility in water</b>           | Dispersible.       |

**Section 10. Stability and Reactivity**

|                                                |                                                               |
|------------------------------------------------|---------------------------------------------------------------|
| <b>Stability and Reactivity</b>                | The product is stable.                                        |
| <b>Conditions of Instability</b>               | Excessive heat.                                               |
| <b>Incompatibility with Various Substances</b> | Reactive with oxidizing agents.                               |
| <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>              | ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).<br>DERMAL (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> | 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**

|                                 |                    |
|---------------------------------|--------------------|
| <b>DOT Classification</b>       |                    |
| <b>DOT Proper Shipping Name</b> | Consumer Commodity |
| <b>DOT Class</b>                | ORM-D              |
| <b>TDG Classification</b>       |                    |
| <b>TDG Class</b>                | Not applicable.    |
| <b>PIN/NIP</b>                  |                    |

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

|                |                                                                                                                                                                                                                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Federal</b> | Clean air act (CAA) 112 regulated flammable substances: Propane, Isobutane<br>CERCLA: Hazardous substances.: Propane, Isobutane                                                                                                                                                                                               |
| <b>State</b>   | New Jersey: Light Naphthenic Distillate, Propane, Isobutane, Light Naphthenic Distillate<br>Massachusetts spill list: Propane, Isobutane<br>Massachusetts RTK: Propane, Isobutane<br>Pennsylvania RTK: Propane, Isobutane<br><br>This product is not subject to the reporting requirements under California's Proposition 65. |

**Registered Product Information** Not applicable.

**Canadian Regulations**

**WHMIS Classification** Not applicable.

**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 |
|---------|------|

**Notice to Reader**

*This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*