

FULLER  
950 MICHELIN  
LAVAL QC H7L 5C1

### Section I. Product Identification and Uses

|                            |   |                            |                                |
|----------------------------|---|----------------------------|--------------------------------|
|                            |   | <b>HMIS (HFRP)</b>         |                                |
|                            |   | <b>Health Hazard</b>       | 2                              |
|                            |   | <b>Fire Hazard</b>         | 0                              |
|                            |   | <b>Reactivity</b>          | 1                              |
|                            |   | <b>Personal Protection</b> | d                              |
| <b>Common / Trade name</b> | FULLSHINE   | <b>TDG</b>                 | Class 8                        |
| <b>WHMIS</b>               | D2B, E  | <b>PIN</b>                 | UN1805 PHOSPHORIC ACID, LIQUID |
| <b>Code</b>                | 1678  | <b>PG</b>                  | III                            |
| <b>Material uses</b>       | Industrial applications: Bathroom & bowl cleaner. |                            |                                |

### Section II. Hazardous Ingredients

| Name                                | CAS #      | % by weight | TLV/PEL  | LC50/LD50  |
|-------------------------------------|------------|-------------|--|--|
| Phosphoric acid                     | 7664-38-2  | 10-30       | TWA: 1 CEIL: 3<br>(mg/m <sup>3</sup> H <sup>3</sup> n)                                 | ORAL (LD50): Acute: 1530 mg/kg [Rat].<br>DERMAL (LD50): Acute: 2740 mg/kg [Rabbit].                      |
| Dipropylene glycol monomethyl ether | 34590-94-8 | 5-10        | TWA: 100 CEIL: 150<br>(ppm) TWA: 600 CEIL:<br>900 (mg/m <sup>3</sup> H <sup>3</sup> n) | ORAL (LD50): Acute: 5380 mg/kg [Rat]. 5200<br>mg/kg [Rat]. DERMAL (LD50): Acute: 9510<br>mg/kg [Rabbit]. |
| Lauryldimethylamine oxide           | 1643-20-5  | 5-10        | Not available.   | ORAL (LD50): Acute: > 500 mg/kg [Rat].   |
| Citric acid                         | 77-92-9    | 1-5         | Not available.   | ORAL (LD50): Acute: 5040 mg/kg [Mouse]. 11700<br>mg/kg [Rat].  |
| Alkoxypolyethylenoxy ethanol        | 68439-46-3 | 1-5         | Not available.   | Not available.   |

### Section III. First Aid Measures

|                     |   |
|---------------------|---|
| <b>Eye contact</b>  | IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.                        |
| <b>Skin contact</b> | In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. |
| <b>Inhalation</b>   | Allow to rest in a well ventilated area. If discomfort persists seek medical attention.   |
| <b>Ingestion</b>    | DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention.                         |

### Section IV. Physical Data

|                                      |                                      |                        |   |
|--------------------------------------|--------------------------------------|------------------------|---|
| <b>Physical state and appearance</b> | Liquid.                              | <b>Colour</b>          | Red.                                      |
| <b>pH (1% soln/water)</b>            | 1 to 1.5 [Acidic.]                   | <b>Odour</b>           | Cherry.                                   |
| <b>pH (concentrate)</b>              | Not available.                       | <b>Volatility</b>      | Not available.                            |
| <b>Boiling point</b>                 | Weighted average: 111.72°C (233.1°F) | <b>Vapour density</b>  | Weighted average: 1.49 (Air = 1)          |
| <b>Specific gravity</b>              | 1.13 (Water = 1)                     | <b>Vapour pressure</b> | Weighted average: 14.81 mm of Hg (@ 20°C) |
| <b>Solubility</b>                    | Miscible in water.                   |                        |   |

### Section V. Fire and Explosion Data

|                                  |  |
|----------------------------------|--|
| <b>The product is</b>            | May be combustible at high temperatures.   |
| <b>Auto-ignition temperature</b> | Not available.   |
| <b>Flash points</b>              | Non Flammable.   |
| <b>Degradation products</b>      | carbon oxides (CO, CO <sup>2</sup> ) nitrogen oxides (NO, NO <sup>2</sup> ...) phosphates            |
| <b>Extinguishing media</b>       | SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet. |

### Section VI. Reactivity data

|                         |   |
|-------------------------|---|
| <b>Stability</b>        | The product is stable.  |
| <b>Decomp. products</b> | See fire degradation products.  |
| <b>Reactivity</b>       | Reactive with alkalis. Reactive with oxidizing agents, reducing agents, metals. |

### Section VII. Toxicological properties

|                             |  |
|-----------------------------|--|
| <b>Route of entry</b>       | Eye contact Ingestion: Skin contact. Inhalation: |
| <b>Toxicity for animals</b> | See section II.                                  |

**Acute effects** Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Corrosive to skin and eyes on contact.

**Chronic effects** CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Prolonged exposure may cause skin and eye chronic irritation. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

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#### Section VIII. Preventive measure

**Waste disposal** Dispose of in accordance with federal, provincial and local regulations.

**Storage** Corrosive materials should be stored in a separate safety storage cabinet or room. Keep container tightly closed in a cool, well-ventilated place.

**Precautions** Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.

**Spill and leak** Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate. Finish cleaning the spill area with running water.

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#### Section IX. Personal protective equipment

**Gloves** Rubber gloves.

**Respiratory** Wear appropriate respirator when ventilation is inadequate.

**Eyes** Splash goggles. Face shield.

**Other** Full suit, apron, face shield, boots: are recommended under exceptional circumstances such as fire, spill, or for prolonged contact with bulk quantities.

**Eng. controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

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#### Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on 27 jan. 2005

Printed 3 mar. 2005

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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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#### Annex A. Legend

**HMIS** Hazardous Materials Identification System

**WHMIS** WHMIS Workplace Hazardous Materials Information System

**TDG** Transport Dangerous Goods

**PIN** Product Identification Number

**PG** Packaging Group

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