# Material Safety Data Sheet (MSDS)

**Power Kleen RTU Liquid Cleaner/Degreaser**

## Section I – Product Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Type</th>
<th>WHMIS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Kleen RTU</td>
<td>Liquid Cleaner / Degreaser</td>
<td>D, B, E</td>
</tr>
</tbody>
</table>

## Section II – Hazardous Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Registry No.</th>
<th>%</th>
<th>Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene Glycol Methyl Ether</td>
<td>34590-94-8</td>
<td>1-5</td>
<td>LD50 (ORAL (RAT) 5430 mg/kg</td>
</tr>
</tbody>
</table>

## Section III – Physical Data

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Odour</th>
<th>pH</th>
<th>Boiling Point</th>
<th>Specific Gravity</th>
<th>Solubility in Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Orange Liquid</td>
<td>Scented</td>
<td>12.2</td>
<td>100 °C</td>
<td>1.0</td>
<td>100 %</td>
</tr>
</tbody>
</table>

## Section IV – Fire and Explosion Hazard Data

- **Flash Point (°C):** None
- **Extinguising media:** Not Applicable
- **Special fire fighting procedures:** None
- **Unusual fire and explosion hazards:** None

## Section V – Toxicological Properties

**HAZARD RATING:**
- Health: 1
- Flammability: 0
- Reactivity: 0

**Swallowing:** Slightly Toxic

**Inhalation:** Slight Irritant

**Skin Absorption:** Unknown

**Skin Contact:** Slight to moderate irritant

**Eye Contact:** Slight to moderate irritant

**Special Warning:** None

## Section VI – First Aid Measures

**Ingestion:** Do not induce vomiting. Drink 3-4 glasses of milk or water. Call a physician immediately.

**Inhalation:** Remove to fresh air. Call a physician.

**Skin:** Flush with water for at least 15 minutes. If irritation persists, call a physician.

**Eyes:** Flush with water for at least 15 minutes. If irritation persists, call a physician.

## Section VII – Reactivity Data

**Stable:** Yes

**Conditions to avoid:** None

**Incompatibility with other materials:** Strong acids

**Hazardous decomposition products:** None

**Hazardous polymerization:** Will not occur.

## Section VIII – Preventive Measures

**Hand protection:** Chemical resistant gloves

**Eye protection:** Safety glasses with side shields

**Ventilation:** General

**Respiratory protection:** None

**Other protective equipment:** In case of spills, wear chemical resistant apron and boots.

**Steps to be taken in case material is released or spilled:** Mop up spillage. Rinse spill area with water and allow to dry.

**Waste disposal method:** Flush with water into waste systems in accordance with municipal, provincial and federal regulations.

**Precautions to be taken in handling and storage:** Normal handling processes. Inside storage at 4-40 °C recommended.

**Other precautions:** Follow label use instructions.

**UN:** 1760

**TDG Class:** 8

**Packing Group:** III

**TDG Emergency Telephone Number:** 613-996-6666 (COLLECT)

## Section IX – Preparation Data

**Prepared by:** M. Mikoluk

**Last updated:** June 1, 2015

**Location:** Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861
Power Kleen 2000 RTU
Liquid Cleaner / Degreaser

“A non-butyl water-based ready-to-use cleaner and degreaser intended for use on any surface where grease and oil residue are a problem. POWER KLEEN 2000 gives end-users an alternative to “butyl” based products.”

FEATURES AND BENEFITS

Environmentally friendly: A.P.E. free.
Alkaline pH: Quickly cuts through and emulsifies grease and oil.
Buffered pH: Continuous high performance cleaning.
Contains safe solvent: Removes both water and petroleum based spots and stains. Water soluble, non-flammable, low toxicity.
Hard water stable: No loss of performance in hard water.
Easy to rinse: Fast rinsing in hot or cold water, which speeds up the overall cleaning process.
Easy to apply: Can be applied by mop, sponge, spray or dip methods.

WHERE TO USE

Power Kleen 2000 may be used to remove grease, oil, tar, ink, carbon, etc. from a variety of surfaces including painted walls and woodwork, painted and unpainted metal (including aluminium), concrete floors, plastic, vinyl, rubber and other similar surfaces.

HOW TO USE

Ready-to-use.

SPECIFICATIONS

Appearance: Clear orange liquid
Fragrance: Lemon
Viscosity: As water
pH (conc.): 12.2
pH (1%): 10.0
Solvent: Propylene glycol ether
Phosphate: No
WHMIS: Yes
TDG: Yes