



MATERIAL SAFETY DATA SHEET (MSDS)

Power Kleen 2000

Liquid Cleaner/Degreaser

Degreasers



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Power Kleen 2000		Liquid Cleaner / Degreaser		D ₂ B, E	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Alkyl Dimethyl Benzyl Ammonium-Chloride		8001-54-5	0.5-1.5	LD ₅₀ ORAL (RAT) 400 mg/kg	
Sodium Metasilicate		6834-92-0	1-5	LD ₅₀ ORAL (RAT) 874 mg/kg	
Alcohol Ethoxylate		68131-39-5	1-5	LD ₅₀ ORAL (RAT) 2140 mg/kg	
Dipropylene Glycol Methyl Ether		34590-94-8	1-5	LD ₅₀ ORAL (RAT) 5430 mg/kg	
Propylene Glycol n-Butyl Ether		5131-66-8	1-5	LD ₅₀ ORAL (RAT) 2200 mg/kg	
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear Orange Liquid	Scented	12.7	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 2 Flammability = 0 Reactivity = 1					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Slightly Toxic					
Inhalation: Slight Irritant					
Skin Absorption: Unknown					
Skin Contact: Slight to moderate irritant					
Eye Contact: 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. Call a physician immediately.					
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 ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: December 1, 2009		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Power Kleen 2000

Liquid Cleaner / Degreaser

"A non-butyl water-based 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

Recommended Dilution Rates:

Rapid Use in concentrated form. Spray on and wipe off with a clean cloth or sponge.

Light 1:80

Normal 1:10

Heavy Duty 1:5

Spray Bottle 1:.3

Note: Adjust rates to suit your cleaning needs.

SPECIFICATIONS

Appearance : clear orange liquid

Fragrance : lemon

Viscosity : as water

pH (conc.) : 12.7

pH (1%) : 10.0

Solvent : Propylene glycol ether

Phosphate : no

WHMIS : yes

TDG : yes