



MATERIAL SAFETY DATA SHEET (MSDS)

Surface Kleen Plus

Liquid Cleaner/Degreaser

Degreasers



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Surface Kleen Plus		Liquid Cleaner/Degreaser		D2B, E	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name	Cas Registry No.	%	Toxicity		
Sodium Metasilicate	6834-92-0	1-5	LD ₅₀ ORAL (RAT) 622 mg/kg		
Alcohol Ethoxylate	68131-39-5	1-5	LD ₅₀ ORAL (RAT) 2140 mg/kg		
Alkyl Dimethyl Benzyl Ammonium-Chloride	8001-54-5	1-5	LD ₅₀ ORAL (RAT) 400 mg/kg		
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear pink liquid	Unscented	12.3	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 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: Yes (Wear chemical resistant gloves)					
Eye protection: Yes (Wear 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: August 1, 2012		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Surface Kleen Plus

Liquid Cleaner/Degreaser

"A versatile cleaner and degreaser that is highly effective in a range of applications, including food processing establishments. Easily cuts through grease and soils."

FEATURES AND BENEFITS

APE Free: More environmentally compatible.

Solvent Free: Can be used on any surface not harmed by water.

Buffered pH: Continuous high performance cleaning.

Easy to Rinse: Fast rinsing with hot or cold water, which speeds up the overall cleaning process.

Hard Water Stable: No loss of performance in hard water.

Easy to Apply: Can be applied by mop, sponge, spray, steam or mechanical equipment.

Controlled Suds: Excellent for automatic scrubbers.

WHERE TO USE

Recommended for cleaning or degreasing when cleaners containing solvent are prohibited or not desirable. Highly suitable for use in food processing establishments, hospitals, institutions and industries.

HOW TO USE

Recommended Dilution Rates:

Light Cleaning	1:30-1:160
Normal Cleaning	1:15-1:80
Heavy Duty Cleaning	1:10-1:15
Foam Cleaner Kits	Undiluted
Steam Injection Kits	Undiluted
Pressure Sprayers	1:25
Autoscrubbers	1:20

Note: Adjust rates to suit your cleaning needs.

Surfaces subject to direct food contact should be adequately rinsed with potable water. Suitable for food plant use.

SPECIFICATIONS

Appearance: Clear pink liquid

Fragrance: Unscented

Viscosity: As water

pH (conc.): 12.3

pH (1%): 10.0

Solvent: None

Phosphate: None

WHMIS: Yes

TDG: Yes

CFIA Approval: Yes