



# MATERIAL SAFETY DATA SHEET (MSDS)

## Surface Kleen Plus

*Cleaner and Degreaser*

*Degreasers*



SECTION I ► PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Surface Kleen Plus		Cleaner and Degreaser		D2B, E	
SECTION II ► HAZARDOUS INGREDIENTS					
<b>Chemical Name</b>		<b>Cas Registry No.</b>	<b>%</b>	<b>Toxicity</b>	
Sodium Metasilicate		6834-92-0	1-5	LD <sub>50</sub> ORAL (RAT) 622 mg/kg	
Alcohol Ethoxylate		68131-39-5	1-5	LD <sub>50</sub> ORAL (RAT) 2140 mg/kg	
Alkyl Dimethyl Benzyl Ammonium-Chloride		8001-54-5	1-5	LD <sub>50</sub> ORAL (RAT) 400 mg/kg	
SECTION III ► PHYSICAL DATA					
<b>Appearance</b>	<b>Odour</b>	<b>pH</b>	<b>Boiling Point</b>	<b>Specific Gravity</b>	<b>Solubility in Water</b>
Clear pink liquid	Unscented	12.3	100 °C	1.0	100 %
SECTION IV ► FIRE AND EXPLOSION HAZARD DATA					
<b>Flash Point (°C):</b> None			<b>Extinguishing media:</b> Not Applicable		
<b>Special fire fighting procedures:</b> None					
<b>Unusual fire and explosion hazards:</b> None					
SECTION V ► TOXICOLOGICAL PROPERTIES					
<b>HAZARD RATING:</b> Health = 2 Flammability = 0 Reactivity = 1					<b>Rating System</b> 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
<b>Swallowing:</b> Slightly Toxic					
<b>Inhalation:</b> Slight Irritant					
<b>Skin Absorption:</b> Unknown					
<b>Skin Contact:</b> Slight to Moderate Irritant					
<b>Eye Contact:</b> Irritant					
<b>Special Warning:</b> None					
SECTION VI ► FIRST AID MEASURES					
<b>Ingestion:</b> Do not induce vomiting. Drink 3-4 glasses of milk or water. Call a physician immediately.					
<b>Inhalation:</b> Remove to fresh air. Call a physician.					
<b>Skin:</b> Flush with water for 15 minutes. If irritation persists, call a physician.					
<b>Eyes:</b> Flush with water for at least 15 minutes. Call a physician immediately.					
SECTION VII ► REACTIVITY DATA					
<b>Stable:</b> Yes					
<b>Conditions to avoid:</b> None					
<b>Incompatibility with other materials:</b> Strong acids					
<b>Hazardous decomposition products:</b> None					
<b>Hazardous polymerization:</b> Will not occur.					
SECTION VIII ► PREVENTIVE MEASURES					
<b>Hand protection:</b> Yes (Wear chemical resistant gloves)					
<b>Eye protection:</b> Yes (Wear safety glasses with side shields)					
<b>Ventilation:</b> General					
<b>Respiratory protection:</b> None					
<b>Other protective equipment:</b> In case of spills, wear chemical resistant apron and boots.					
<b>Steps to be taken in case material is released or spilled:</b> Mop up spillage. Rinse spill area with water and allow to dry.					
<b>Waste disposal method:</b> Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
<b>Precautions to be taken in handling and storage:</b> Normal handling processes. Inside storage at 4-40 °C recommended.					
<b>Other precautions:</b> Follow label use instructions.					
<b>UN:</b> 1760		<b>TDG Class:</b> 8		<b>Packing Group:</b> III	
<b>TDG Emergency Telephone Number:</b> 613-996-6666 (COLLECT)					
SECTION IX ► PREPERATION DATA					
<b>Prepared by:</b> M. Micoluk			<b>Last updated:</b> June 1, 2015		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Surface Kleen Plus

## Cleaner and Degreaser

"A highly effective all-purpose cleaner and degreaser, specifically formulated for the food industry. Its safe yet powerful formula easily cuts through grease, oil and soils."

FEATURES AND BENEFITS	
<b>APE Free:</b>	More environmentally compatible.
<b>Solvent Free:</b>	Can be used on any surface not harmed by water.
<b>Buffered pH:</b>	Continuous high performance cleaning.
<b>Easy to Rinse:</b>	Fast rinsing with hot or cold water, which speeds up the overall cleaning process.
<b>Hard Water Stable:</b>	No loss of performance in hard water.
<b>Easy to Apply:</b>	Can be applied by mop, sponge, spray, steam or mechanical equipment.
<b>Controlled Suds:</b>	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	
Dilute according to the dilution rates mentioned below. Apply using an auto-scrubber, mop, sponge, cloth, trigger sprayer or pressure washer.	
<b>Recommended dilution rates:</b>	
Light duty cleaning .....	1:80-1:160
Normal cleaning .....	1:15-1:80
Heavy duty cleaning .....	1:10-1:15
Portable foaming dispensing system .....	undiluted
Pressure washer .....	1:25
Auto-scrubber .....	1:20
Note: Adjust rates to suit your cleaning needs.	
SPECIFICATIONS	
<b>Appearance:</b>	Clear pink liquid
<b>Fragrance:</b>	Unscented
<b>Viscosity:</b>	As water
<b>pH (conc.):</b>	12.3
<b>pH (1%):</b>	10.0
<b>Solvent:</b>	None
<b>Phosphate:</b>	None
<b>WHMIS:</b>	Yes
<b>TDG:</b>	Yes
<b>CFIA Approval:</b>	Yes