



# MATERIAL SAFETY DATA SHEET (MSDS)

## Clearinse Foaming Cleaner / Degreaser

### Degreasers



SECTION I ▶ PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Clearinse A.P.E. Free		Foaming Cleaner / Degreaser		D2B, E	
SECTION II ▶ HAZARDOUS INGREDIENTS					
<b>Chemical Name</b>		<b>Cas Registry No.</b>	<b>%</b>	<b>Toxicity</b>	
Propylene Glycol n-Butyl Ether		5131-66-8	1-5	LD50ORAL (RAT) 4980 mg/kg	
Potassium Hydroxide		1310-58-3	1-5	LD50ORAL (RAT) 365 mg/kg	
Sodium Dodecylbenzene Sulfonate		25155-30-0	5-10	LD50ORAL (RAT) 1260 mg/kg	
Dipropylene Glycol Methyl Ether		34590-94-8	1-5	LD50ORAL (RAT) 5430 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 straw clouded liquid	Solvent	13.0	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 = 0					<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> Moderate Irritant					
<b>Eye Contact:</b> Strong 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. If irritation persists, call a physician.					
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> II	
<b>TDG Emergency Telephone Number:</b> 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
<b>Prepared by:</b> D.R. Dunlop			<b>Last updated:</b> November 1, 2009		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Clearinse

A.P.E. Free

## Foaming Cleaner / Degreaser

“Primarily designed for areas controlled and inspected by health and safety organizations and government agencies (eg. meat, poultry and fish processing). However, because of exceptional cleaning capabilities, it can also be employed in many other cleaning operations.”

### FEATURES AND BENEFITS

<b>APE-free</b> – more environmentally compatible
<b>Alkaline pH</b> - quickly cuts through and emulsifies grease and oil
<b>Buffered pH</b> - continuous high performance cleaning
<b>Hard water stable</b> - no loss of performance in hard water
<b>Easy to rinse</b> - fast rinsing in hot or cold water, which speeds up the overall cleaning process
<b>High foam formula</b> - clings to vertical surfaces when using pressure washer application, allowing for longer contact time

### WHERE TO USE

Efficiently attacks and penetrates deposits of blood, fats, marrow and protein soils and removes them from meat, poultry and fish processing equipment, tables and cutting boards, as well as from floors and walls.

### HOW TO USE

Recommended Dilution Rates:

General Cleaning (incl. general pressure cleaning)	1:80
Heavy Duty Cleaning (incl. difficult pressure cleaning jobs, greasy concrete floors, machinery, tools, greasy parts, stoves and ovens)	1:10
Foam Generators	use undiluted

Note: Adjust rates to suit your cleaning needs.  
Do not allow cleaner to dry before rinsing since streaking and reduced cleaning efficiency will result. Surfaces subject to direct food contact should be adequately rinsed with potable water. Suitable for food plant use.

### SPECIFICATIONS

<b>Appearance</b> : clear straw coloured liquid
<b>Fragrance</b> : solvent
<b>Viscosity</b> : as water
<b>Active %</b> : 21.5
<b>pH (conc.)</b> : 13.0
<b>pH (1%)</b> : 11.0
<b>Solvent</b> : Propylene glycol ether
<b>Phosphate</b> : no
<b>WHMIS</b> : yes
<b>TDG</b> : yes
<b>Agri-Food Safety Approval</b> : yes