



MATERIAL SAFETY DATA SHEET (MSDS)

Clearinse Foaming Cleaner / Degreaser

Degreasers



SECTION I ► PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Clearinse		Foaming Cleaner / Degreaser		D2B, E	
SECTION II ► HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
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					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear straw clouded liquid	Solvent	13.0	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: Moderate Irritant					
Eye Contact: Strong 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. 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: 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: II	
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					

Clearinse

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
APE-free: More environmentally compatible.
Alkaline pH: Quickly cuts through and emulsifies grease and oil.
Buffered pH: Continuous high performance cleaning.
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.
High foam formula: 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 (<i>incl. general pressure cleaning</i>) 1:80
Heavy Duty Cleaning (<i>incl. difficult pressure cleaning jobs, greasy concrete floors, machinery, tools, greasy parts, stoves and ovens</i>) 1:10
Foam Generators Use undiluted
<i>Note: Adjust rates to suit your cleaning needs.</i>
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
Appearance: Clear straw coloured liquid
Fragrance: Solvent
Viscosity: As water
Active %: 21.5
pH (conc.): 13.0
pH (1%): 11.0
Solvent : Propylene glycol ether
Phosphate: No
WHMIS: Yes
TDG: Yes
Agri-Food Safety Approval: Yes