



MATERIAL SAFETY DATA SHEET (MSDS)

Triple Action

Liquid Cleaner, Degreaser, and Disinfectant

Degreasers



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Triple Action		Liquid cleaner, degreaser, and disinfectant		Exempt	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Alkyl Dimethyl Benzyl Ammonium-Chloride		68424-85-1	1-5	LD50ORAL (RAT) 400 mg/kg	
Trisodium Phosphate		10101-89-0	1-5	LD50ORAL (RAT) 7400 mg/kg	
Alcohol Ethoxylate		68131-39-5	1-5	LD50ORAL (RAT) 2140 mg/kg	
Dipropylene Glycol Methyl Ether		34590-94-8	1-5	LD50ORAL (RAT) 5430 mg/kg	
Propylene Glycol n-Butyl Ether		5131-66-8	1-5	LD50ORAL (RAT) 2200 mg/kg	
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear pink liquid	Scented	12.0	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 = 1 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: 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, oxidizing agents.					
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: No					
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: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
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					

Triple Action

Liquid Cleaner, Degreaser and Disinfectant

"One-step cleaner, degreaser and disinfectant that will help simplify your buying decisions and reduce the number of products and procedures needed to maintain a sanitary environment."

FEATURES AND BENEFITS

Triple Action Formula: May be used as a routine or heavy duty cleaner, a degreaser and/or a disinfectant.

No Butyl Cellosolve: Propylene based alternative to butyl cellosolve provides same cleaning power without the health concerns

Buffered Alkaline pH: Maintains strength throughout cleaning task.

Pleasant Fragrance: Encourages product use and leaves cleaned areas smelling fresh.

WHERE TO USE

Use TRIPLE ACTION on hard surfaces such as walls, countertops, stoves, grills, painted wood and metal, appliances, sinks, tubs, showerstalls, etc. TRIPLE ACTION is intended for use in any type of establishment.

HOW TO USE

Recommended Dilution Rates:

Disinfection	1:20
Light Cleaning	1:80 - 1:160
Regular Cleaning	1:40 - 1:80
Heavy Duty Cleaning	1:10 - 1:40
Stain Removal	Use undiluted

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 and health care facilities.

CLAIM: DISINFECTANT - AOAC USE-DILUTION TEST

ORGANISM	ATCC#	DILUTION	REPLICATES	RESULTS
Pseudomonas aeruginosa	10524	800 ppm	60, 60, 60	0/60, 0/60, 0/60
Staphylococcus aureus	6538	400 ppm	60, 60, 60	0/60, 0/60, 0/60
Salmonella choleraesuis	10708	400 ppm	60, 60, 60	0/60, 0/60, 0/60

CLAIM: SANITIZER - AOAC DISINFECTION - GERMICIDAL AND DETERGENT SANITIZER TEST

TEST CONDITIONS: 500 PPM HARD WATER (AS CaCO₃), 5% ORGANIC SOIL (BLOOD SERUM)

ORGANISM	ATCC#	DILUTION	REPLICATES	RESULTS (% Reduction)
Escherichia coli	11229	200 ppm	2	99.999
Staphylococcus aureus	6538	200 ppm	2	99.999

TRIPLE ACTION is a Hospital Disinfectant at 18 mL per 4L (450 ppm active), Bacteriacidal according to the current AOAC Disinfectants Use-Dilution Method, Fungicidal according to the AOAC fungicidal test and Virucidal* according to the virucidal qualification, modified in the presence of 5% organic serum against: Campylobacter jejuni, Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella choleraesuis, Salmonella typhi, Escherichia coli pathogenic strain 0157:H7, Trichophyton, mentagrophytes, Yersinia enterocolitica, *Influenza A2/Hong Kong (H1N1), Vaccinia, Human Immunodeficiency Virus, Adenovirus Type 5, Infectious Laryngotracheitis Virus, Klebsiella pneumoniae, Listeria monocytogenes, Pseudomonas cepacia, Escherichia coli, Herpes Simplex Type 1, Herpes Simplex Type 2

Efficacy tests performed by Microbiology Department - Lonza Inc., Fairlawn, New Jersey.

08-03-94-TC-2095

SPECIFICATIONS

Appearance: Clear pink liquid

Fragrance: Citrus

Viscosity: As water

pH (conc.): 12.0

pH (1%): 10.0

Solvent: Glycol ether

WHMIS: Exempt

TDG: No

Agri-Food Safety Approval: Yes

DIN: 02240187