



# MATERIAL SAFETY DATA SHEET (MSDS)

## Triple Action RTU

*Liquid Cleaner, Degreaser, and Disinfectant*

*Degreasers*



SECTION I ► PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Triple Action		Liquid cleaner, degreaser, and disinfectant		Exempt	
SECTION II ► HAZARDOUS INGREDIENTS					
<b>Chemical Name</b>		<b>Cas Registry No.</b>	<b>%</b>	<b>Toxicity</b>	
Not Applicable					
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 colourless liquid	Scented	11.3	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 = 1 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 irritant					
<b>Eye Contact:</b> Irritant					
<b>Special Warning:</b> None					
SECTION VI ► FIRST AID MEASURES					
<b>Ingestion:</b> 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 at least 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, oxidizing agents.					
<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> No					
<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> Not Applicable		<b>TDG Class:</b> None		<b>Packing Group:</b> Not Applicable	
<b>TDG Emergency Telephone Number:</b> 613-996-6666 (COLLECT)					
SECTION IX ► PREPERATION DATA					
<b>Prepared by:</b> M. Mikoluk			<b>Last updated:</b> June 1, 2015		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Triple Action RTU

## 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 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:** Ready-to-use

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 CaCO<sub>3</sub>), 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

The active ingredient in Triple Action (BARDAC 205M) is Bactericidal 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 colourless liquid

**Fragrance:** Citrus

**Viscosity:** As water

**pH (conc.):** 11.3

**Solvent:** Glycol ether

**WHMIS:** Exempt

**TDG:** No

**Agri-Food Safety Approval:** Yes

**DIN:** 02322110