



# MATERIAL SAFETY DATA SHEET (MSDS)

## Challenger

*UHS floor cleaner and maintainer*

### Detergents

SECTION I ▶ PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Challenger		UHS floor cleaner and maintainer		Not applicable	
SECTION II ▶ HAZARDOUS INGREDIENTS					
<b>Chemical Name</b>		<b>Cas Registry No.</b>	<b>%</b>	<b>Toxicity</b>	
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 orange liquid	Scented	9.0	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 = 1 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> Not applicable					
<b>Skin Absorption:</b> Not Applicable					
<b>Skin Contact:</b> slight irritation					
<b>Eye Contact:</b> slight irritation					
<b>Special Warning:</b> None					
SECTION VI ▶ FIRST AID MEASURES					
<b>Ingestion:</b> Drink 3-4 glasses of milk or water.					
<b>Inhalation:</b> Not Applicable					
<b>Skin:</b> Flush with water.					
<b>Eyes:</b> Flush with water. 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> None					
<b>Hazardous decomposition products:</b> None					
<b>Hazardous polymerization:</b> Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
<b>Hand protection:</b> None					
<b>Eye protection:</b> None					
<b>Ventilation:</b> General					
<b>Respiratory protection:</b> No					
<b>Other protective equipment:</b> None					
<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> D.R. Dunlop			<b>Last updated:</b> August 1, 2012		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Challenger

## UHS Floor Cleaner and Maintainer

"CHALLENGER cleans and restores the gloss in one operation. CHALLENGER is part of a bold new generation of powerful, labour-friendly floor care products...a team of specialists in a bottle!"

### FEATURES AND BENEFITS

**Superior cleaning efficiency:** Formulated specifically for UHS cleaning programs; minimizes floor discoloration, leaves no residue, no need for rinsing.

**Higher gloss level:** Enhances gloss through simple autoscrubbing.

**Labour reduction:** Cleans while conditioning and revitalizing the floor finish therefore reducing the need for follow-up buffing and recoating and extends time between restripping.

**Non-butyl, non-alkaline:** Improves appearance and durability of floor.

**Part of a bold new generation of floor care products:** CHAMPION Super Stripper, ACCOLADE Sealer, ACCLAMATION Fast Drying All Systems Floor Finish and CHALLENGER Floor Cleaner & Maintainer are specially formulated to enhance each other's performance. Optimal results will be achieved if you follow the entire program.

### WHERE TO USE

Safe to use on all resilient and non-resilient floors.

### HOW TO USE

**Recommended Dilution Rates:**

Regular Cleaning	1:120
Autoscrubber	1:160
Sealed hard wood floors	1:120

### SPECIFICATIONS

**Appearance:** Clear orange liquid

**Fragrance:** Citrus

**Viscosity:** As water

**PH (conc.):** 9.0

**PH (1%):** 7.0

**Phosphate:** None

**WHMIS:** No

**TDG:** No