



# Material Safety Data Sheet

## CHALLENGER



<b>Section I Product Identification</b>		
<b>Product Name:</b> Challenger		
<b>Product Type:</b> UHS floor cleaner and maintainer		
<b>WHMIS Classification:</b> D2B		
<b>Section II Hazardous Ingredients</b>		
Cas Registry No.	%	Chemical Name(s) Toxicity
68991-48-0	1-5	Alcohol Ethoxylate LD <sub>50</sub> ORAL (RAT) >2000 mg/kg
5131-66-8	1-5	Propylene Glycol n-Butyl Ether LD <sub>50</sub> ORAL (RAT) 1480 mg/kg
<b>Section III Physical Data</b>		<b>Section IV Fire and Explosion Hazard Data</b>
<b>Appearance:</b> Clear orange liquid		<b>Flash Point</b> (Method used) (°C): None
<b>Odour:</b> Scented		<b>Extinguishing Media:</b> Not Applicable
<b>PH</b> (concentrate): 9.0		<b>Special Fire Fighting Procedures:</b> None
<b>Boiling Point</b> (°C): 100		<b>Unusual Fire and Explosion Hazards:</b> None
<b>Specific Gravity:</b> 1.0		
<b>Solubility in water</b> (%): 100		
<b>Section V Toxicological Properties</b>		
Effects of Overexposure	Hazard Rating	Rating System
<b>Swallowing:</b> Slightly Toxic	Health: 1	0 = Insignificant
<b>Inhalation:</b> No effect expected	Flammability: 0	1 = Slight
<b>Skin Absorption:</b> Not Applicable	Reactivity: 0	2 = Moderate
<b>Skin Contact:</b> May cause irritation		3 = High
<b>Eye Contact:</b> Causes eye irritation		4 = Extreme
<b>Special Warning:</b> None		
<b>Section VI First Aid Measures</b>		
<b>Ingestion:</b> Drink 3-4 glasses of milk or water. Call a physician.		
<b>Inhalation:</b> Remove to fresh air.		
<b>Skin:</b> Flush with water		
<b>Eyes:</b> Flush with water for 15 minutes. Call a physician		
<b>Section VII Reactivity Data</b>		
Stable: x Unstable:		
<b>Condition to avoid:</b> None		
<b>Incompatibility</b> (Materials to avoid): None		
<b>Hazardous Decomposition Products:</b> None		
<b>Hazardous Polymerization:</b> Will not occur		
<b>Section VIII Preventive Measures</b>		
<b>Protective Gloves:</b> Yes (when handling concentrated form)		
<b>Eye Protection:</b> Yes (when handling concentrated form)		
<b>Ventilation:</b> Local Exhaust: General: X		
<b>Respiratory Protection</b> (Specify type): 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		
UN: Not Applicable		
TDG Class: None		
TDG Emergency Telephone #: (613) 996-6666 (collect)		
<b>Section IX Preparation Data</b>		
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<b>Date:</b> January 1, 2007		Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4

# 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 UHS 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.

### Recommended Dilution Rates

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

### How to Use

Dilute and apply using a mop or an autoscrubber. Rinsing is not required.

### Specifications

Appearance	clear orange liquid
Fragrance	citrus
Viscosity	as water
Actives %	7.0
PH (conc.)	9.0
PH (1%)	7.0
Non-volatile %	6.0
Phosphate	none
WHMIS	yes
TDG	no

MSDS.