



# MATERIAL SAFETY DATA SHEET (MSDS)

## Modular 1

**Super Concentrated Cleaner & Descaler**

*Specialty Cleaners*



SECTION I ▶ PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Modular 1		Concentrated Cleaner and Descaler		Not Applicable	
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, pale yellow liquid	Scented	<1.0	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> Keep containers cool with water spray. Avoid breathing decomposition products. Wear self contained breathing apparatus and full body protection.					
<b>Unusual fire and explosion hazards:</b> Above 60° acid action on metals may release hydrogen gas.					
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> Toxic					
<b>Inhalation:</b> Slight Irritant					
<b>Skin Absorption:</b> Unknown					
<b>Skin Contact:</b> Slight Irritant					
<b>Eye Contact:</b> Corrosive to eyes					
<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> up to 110 °C					
<b>Conditions to avoid:</b> Heating above 110 °C					
<b>Incompatibility with other materials:</b> Strong alkali, oxidizers, chlorine bleach					
<b>Hazardous decomposition products:</b> CO <sub>2</sub> gas, nitrogen and chlorine when heated above 110 °C					
<b>Hazardous polymerization:</b> Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
<b>Hand protection:</b> Chemical resistant gloves					
<b>Eye protection:</b> 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> 1760		<b>TDG Class:</b> 8		<b>Packing Group:</b> III	
<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> December 1, 2009		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Modular 1

## Super Concentrate Cleaner and Descaler

“Effective cleaner and descaler for washrooms and showers.”

### FEATURES AND BENEFITS

**Concentrated** – Use with Dustbane’s Taskmizer proportioning system for maximum economy.

**Environmentally responsible** – contains no VOC’s, solvents, ammonia or APE’s

**Acid replacement technology** – No hydrochloric or phosphoric acid.

**Environmentally responsible** – No phosphate, VOC, APE.

**Versatile** – Use as a bowl cleaner, grout cleaner, tub and tile cleaner depending on your needs.

**Safer** – Classified as a mild skin irritant.

### WHERE TO USE

Use on toilet bowls and urinals. Will not harm plumbing or septic tank systems. Use as a general purpose washroom and shower cleaner. Effective on soap film and hard water deposits. Also use to clean non-resilient tile and grouting, stainless steel, aluminium, copper, brass, ceramic, glass, plastic and cement.

Recommended for daily use in hospitals, nursing homes, schools, office buildings, factories, etc.

### HOW TO USE

#### Recommended Dilution Rates:

Bathroom Heavy Duty Cleaner..... 1:120

Bowl Cleaner ..... 1:3

Descaler ..... 1:10

Carpet Rust Remover ..... 1:10

Grout Cleaner ..... 1:4

Pool Deck Cleaner ..... 1:2

Concrete ..... 1:10

### SPECIFICATIONS

**Appearance:** clear, pale yellow liquid

**Fragrance :** fresh and clean

**pH (conc.) :** <1

**VOC :** none

**APE :** none

**Solvent :** none

**Phosphate :** none

**WHMIS :** no

**TDG :** Class 8 PG III