

# MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

## SECTION I - MATERIAL IDENTIFICATION AND

**Material Name** Bio Clean  
**Manufacturer** TAL Products Inc. **Supplier's Name**  
**Street Address** 5000 Dufferin St, Unit P  
 Toronto, ON  
 M3H 5T5 **Supplier's Address**  
**Emergency Tel.** (416) 635-6613  
**Chemical Name** **Chemical Family**  
**Molecular Weight** **Material Use** Floor Cleaner

## SECTION II - HAZARDOUS INGREDIENTS OF

Hazardous Ingredients	Approximate Concentration	C.A.S. N.A. or U.N. Numbers	Exposure Limits	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
Nonionic Surfactant	1%	9016-45-9		LD <sub>50</sub> (ORAL RAT) 3000mg/kg LC <sub>50</sub> (DERMAL RABBIT) 2830mg/kg
Anionic Surfactant	1-5	68411-30-3	N/AV	N/AV

## SECTION III - PHYSICAL DATA FOR

**Physical State** Liquid **Odour and Appearance** Yellow colour, lemon odour  
**Specific Gravity** 1.02 **Evaporation Rate** N/AV **Boiling Point (°C)** 100  
**Freezing Point (°C)** 0 **Solubility in Water (20°C)** complete **% Volatile (by volume)** N/AV  
**pH** 9.8-10.8 **Density (g/ml)** 1.02 **Coefficient of Water/Oil Distribution** N/AV

## SECTION IV - FIRE AND EXPLOSION HAZARD OF

**Flammability (If yes, under which conditions:)** No  
**Means of Extinction** N/AP  
**Special Procedures** No special procedures.  
**Flashpoint (°C) and Method** none **UEL (% By Vol.)** N/AP **LEL (% By Vol.)** N/AP  
**Auto Ignition Temp. (°C)** N/AP **TDG Flammability Classification** not regulated  
**Hazardous Combustion Products** CO, CO<sub>2</sub>  
**Explosion Data - Sensitivity to Chemical Impact** **Rate of Burning** N/AP  
**Explosive Power** N/AP **Sensitivity to Static Discharge** N/AP

## SECTION V - REACTIVITY

**Chemical Stability** Yes.  
**Incompatibility to Other Substances** Yes. Strong oxidizing agents.  
**Reactivity and Under What Conditions?**  
**Hazardous Decomposition Products** None.

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**SECTION VI - TOXICOLOGICAL PROPERTIES OF**

Route Of Entry  Skin Contact  Skin Absorption  Eye Contact  Inhalation Acute  Inhalation Chronic  Ingestion

Effects Of Acute Irritating to eyes and skin. Could cause dermatitis. Will cause nausea and vomiting.

Exposure To Product

Effects Of Chronic No known effects.

Exposure To Product

Irritancy Of Product

Exposure Limits Of Product

Sensitization To Product

Synergistic Materials

Carcinogenicity  Reproductive Effects  Teratogenicity  Mutagenicity

No Known Systemic Effects

**SECTION VII - PREVENTIVE**

Personal Protective Equipment

Gloves Rubber

Respiratory Not required

Eye Goggles

Footwear No special type

Clothing No special requirement.

Other

Engineering Controls General ventilation.

Leak And Spill Procedure Flush with water.

Waste Disposal

Handling Procedures And Equipment No special precautions.

Storage Requirements Store in a cool place where possible.

Special Shipping Information

**SECTION VIII - FIRST AID**

Skin Wash with soap and water.

Eye Flush with water for 15 minutes. Seek medical attention if necessary.

Inhalation N/AP

Ingestion Do not induce vomiting and take to hospital emergency.

General Advise

**SECTION IX - PREPARATION DATE OF**

Additional Information/Comments The information herein is given in good faith but no warranty, expressed or implied, is made.

Sources Used

Prepared By: TAL Products Inc.

Phone Number (416) 635-6613

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