

Flammability Reactivity

SECTION I - MATERIAL IDENTIFICATION AND

Material Name Wonder Bowl		Health	Personal Protection
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 Family		
Chemical Name	Material Use		
Molecular Weight			

SECTION II - HAZARDOUS INGREDIENTS OF

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	Exposure Limits	LD ₅₀ /LC ₅₀ Specify Species and Route
Hydrochloric Acid	15 - 40	U.N. 1789	TLV-TWA 5PPM 7MG/M ³	LD50 N/AV LC50 (INHL, RAT) 3124ppm/1HR

SECTION III - PHYSICAL DATA FOR

Physical State Liquid	Odour and Appearance White opaque, pungent odour.	
Specific Gravity 1.10@20C	Evaporation Rate n/ap	Boiling Point (°C) 99
Freezing Point (°C) 0	Solubility in Water (20°C) infinite	% Volatile (by volume) 60-100
pH n/ap	Density (g/ml) 1.12	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 Protect firefighters against corrosive fumes and liquid if released.		
Flashpoint (°C) and Method n/ap	UEL (% By Vol.) n/av	LEL (% By Vol.) n/ap
Auto Ignition Temp. (°C)	TDG Flammability Classification Non-flammable	
Hazardous Combustion Products n/av		
Explosion Data - Sensitivity to Chemical Impact	Rate of Burning n/ap	
Explosive Power n/ap	Sensitivity to Static Discharge n/av	

SECTION V - REACTIVITY

Chemical Stability No. Bowl cleaner loses Hydrogen Chloride gas upon heating strong base & corrosive materials.
Incompatibility to Other Substances Yes. Most common metals.
Reactivity and Under What Conditions? Reacts with most common metals. May react violently with many inorganic amine oxides and polymerizable monomers.
Hazardous Decomposition Products Hydrogen when in contact with metals; Hydrogen Chloride gas upon heating.

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SECTION VI - TOXICOLOGICAL PROPERTIES OF

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Route Of Entry Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion
Effects Of Acute Exposure To Product Coughing, choking inflammation and ulceration of respiratory tract may occur. Corrosion of mucous membrane, Esophagus, stomach, nausea, vomiting, intense thirst, diarrhea.
Effects Of Chronic Exposure To Product Severe irritation to mucous membranes and eyes, permanent visual damage, severe burns, dermatitis, photosensitization, circulatory collapse and death may occur.

Irritancy Of Product n/av **Exposure Limits Of Product** TLV 5PPM (ACGIH)
Sensitization To Product n/av **Synergistic Materials** n/av
 Carcinogenicity Reproductive Effects Teratogenicity Mutagenicity
No known systemic effects.

SECTION VII - PREVENTIVE

Personal Protective Equipment (Information is intended for 909ml/1L package size users)
Gloves Gloves recommended **Respiratory** N/AP **Eye** Not required for normal use
Footwear N/AP **Clothing** N/AP **Other**
Engineering Controls Local exhaust ventilation.

Leak And Spill Procedure Neutralize with soda ash, caustic soda or lime wash down with excess water. Do not use ammonia due to potential fuming problems.

Waste Disposal In accordance with local, provincial, and federal by-laws.

Handling Procedures And Equipment Keep containers closed, use adequate ventilation, keep out of sun and away from direct sources of heat.

Storage Requirements Store containers away from metals and oxidizing materials particularly Nitric acid and Chlorates.

Special Shipping Information Class 8(9.2) packing group II

SECTION VIII - FIRST AID

Skin Remove contaminated clothing immediately and flush with clean water for at least 15 minutes.

Eye Hold eyelids open and wash thoroughly with clear water for at least 15 minutes, Get medical help promptly.

Inhalation Remove to fresh air. If not breathing, give artificial respiration give oxygen by qualified personnel if breathing is difficult. Get medical help promptly.

Ingestion Get medical help immediately. Patient should drink large amounts of water or milk. Do not induce vomiting.

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 **Date** January 14, 2005