

## MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

### SECTION I - MATERIAL IDENTIFICATION AND

**Material Name** Brite White (6%)  
**Manufacturer** TAL Products Inc. **Supplier's Name**  
**Street Address** 5000 Dufferin St, Unit P  
 Toronto, Ontario.  
 M3H 5T5 **Supplier's Address**  
**Emergency Tel.** (416) 635-6613  
**Chemical Name** **Chemical Family** Chlorinated Alkali  
**Molecular Weight** **Material Use**

### 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
Sodium Hypochlorite	6	UN 1791	N/AV	LD <sub>50</sub> (Oral Rat) 12mg/kg

### SECTION III - PHYSICAL DATA FOR

**Physical State** Liquid **Odour and Appearance** Clear Yellow, Chlorine Odour  
**Specific Gravity** 1.17 **Evaporation Rate** **Boiling Point (°C)** 100  
**Freezing Point (°C)** -25 **Solubility in Water (20°C)** Soluble **% Volatile (by volume)** 85  
**pH** 12.0 **Density (g/ml)** 1.18 **Coefficient of Water/Oil Distribution** N/AV

### SECTION IV - FIRE AND EXPLOSION HAZARD OF

**Flammability (If yes, under which conditions:)** No.  
**Means of Extinction** Water, Dry Chemicals, Carbon Dioxide, Foam.  
**Special Procedures** Wear self contained breathing apparatus and full protective equip.  
**Flashpoint (°C) and Method** N/AP **UEL (% By Vol.)** N/AP **LEL (% By Vol.)** N/AP  
**Auto Ignition Temp. (°C)** N/AP **TDG Flammability Classification** N/AP  
**Hazardous Combustion Products** N/AP  
**Explosion Data - Sensitivity to Chemical Impact** N/AP **Rate of Burning** N/AP  
**Explosive Power** N/AP **Sensitivity to Static Discharge** N/AP

### SECTION V - REACTIVITY

**Chemical Stability** No. Heat  
**Incompatibility to Other Substances** Yes. Acids, Oxidizable Materials, Ammonia, Urea, Metals.  
**Reactivity and Under What Conditions?** Decomposes slowly, do not expose to temperatures above 40 °C (104 °F). Sunlight or Metals.  
**Hazardous Decomposition Products** Contact with Acids yields highly poisonous chlorine fumes. Oxygen is released by contact with metals. Contact with Ammonia and Urea produce Nitrogen gas and Chloramines.

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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 Causes irritation to eyes, may cause temporary blindness if not treated. Irritation of skin and  
Exposure To Product gastrointestinal tract also occur.

Effects Of Chronic

Exposure To Product

Irritancy Of Product N/AV

Exposure Limits Of Product N/AV

Sensitization To Product N/AV

Synergistic Materials N/AV

Carcinogenicity  Reproductive Effects  Teratogenicity  Mutagenicity

### SECTION VII - PREVENTIVE

Personal Protective Equipment

Gloves Rubber/PVC

Respiratory Canister Type

Eye Goggles

Footwear Rubber Boots

Clothing

Other Rubber Apron

Engineering Controls

Leak And Spill Procedure Soak up with absorbent clay and dump. Flush to drain with plenty of water.

Waste Disposal Flush to sewers via pollution control.

Handling Procedures And Equipment Store in cool dry place with lid on.

Storage Requirements Store in cool dry place with lid on. Avoid contact with acids.

Special Shipping Information TDG = Hypochlorite Solution 8 (9.2) III

### SECTION VIII - FIRST AID

Skin Flush affected area with plenty of water.

Eye Flush eyes with plenty of water. Contact a physician immediately.

Inhalation Move patient to fresh air. If respiration has stopped apply artificial resuscitation.

Ingestion Do not give acidic antidotes. Contact a physician immediately.

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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