

Flammability Reactivity

SECTION I - MATERIAL IDENTIFICATION AND

Material Name Brite White (12%)		Health	Personal Protection
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 Family Chlorinated Alkali		
Chemical Name	Material Use		

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
Sodium Hypochlorite	12	UN 1791	N/AV	LD ₅₀ (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	Yes. Acids, Oxidizable Materials, Ammonia, Urea, Metals.
Incompatibility to Other Substances	
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

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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 may also

Exposure To Product occur in the gastrointestinal tract and on the skin.

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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