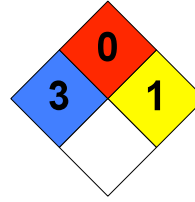


Brush Delite



Health	3
Fire	0
Reactivity	1
Personal Protection	Safety Glasses and Gloves

## Material Safety Data Sheet

### Brush Delite

#### Section I-General Information

Distributed by: King Research, Inc 7025 West Marcia Road Milwaukee, WI 53221	<b>24 Hour Emergency Telephone Number:</b> <b>Veolia Environmental Services Inc.</b> <b>1-262-512-8000</b>
	Telephone for Information: (414) 371-3149
Date Prepared: 12/30/09	Prepared by: Ron Dunnett

#### Section II- Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	Hazardous	OSHA PEL	ACGIH TLV	Other Limits Recommended	% by Weight (Optional)
Lithium hypochlorite	13840-33-0	Yes	Not Established	Not Established	N/A	N/A
Lithium hydroxide	7732-18-5	Yes	Not Established	Not Established	NA	N/A

#### Section III – Physical/Chemical Characteristics

<b>Boiling Point :</b>	N/A	<b>Specific Gravity @25°C:</b>	0.9-1.0 g/cc
<b>Vapor Pressure (mm Hg):</b>	N/A	<b>Melting Point:</b>	135° C (decomposition)
<b>Vapor Density:</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	Not Applicable
<b>Solubility in Water @ 25°C:</b>	41-45%	<b>% Volatiles by Volume</b>	Not Applicable
<b>pH (1% solution @25°C:</b>	10.5-11.5	<b>Appearance and Odor:</b>	White crystalline solid, with a burning chlorine like odor

#### Section IV- Fire and Explosion Hazard Data

<b>Flash Point:</b> N/A
<b>Extinguishing Media:</b> Water. <b>DO NOT USE DRY CHEMICAL.</b>
<b>Special Fire Fight Procedures:</b> Wear full protective clothing and self contained breathing apparatus approved for fire fighting. Do no breathe smoke, gas or vapor from this fire.
<b>Unusual Fire and Explosion Hazards:</b> Spontaneously combustible with oxidizable materials.

# BRUSH DELITE MSDS

## Section V- Stability and Reactivity Data

<b>Stability:</b> Stable	<b>Hazardous Decomposition Products:</b> Oxygen and toxic chlorine vapors
<b>Hazardous Polymerization:</b> Will not occur	<b>Incompatibilities:</b> Acids, Oxidizable Material, combustible materials, high temperatures
<b>Conditions to Avoid:</b> High temperatures, contact with combustibles/oxidizables	

## Section VI – Health Hazard Data

<b>Routes of Entry:</b> *Skin Contact * Eye Contact *Ingestion *Inhalation
<b>Carcinogenicity:</b> <b>NO</b> ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or regulated by OSHA.
<b>Health Hazards:</b> Irritating to skin. Corrosive to eyes. Irritation and possible burning to lungs upon long term exposure. Ingestion may cause severe internal damage, see physician immediately.
<b>Signs and Symptoms of Exposure:</b> <ul style="list-style-type: none"><li>• <b>Skin:</b> Burning sensation. Inflammation characterized by itching, scaling, reddening, or even blistering.</li><li>• <b>Eyes:</b> Burning sensation. Can result in corneal damage or even blindness.</li><li>• <b>Ingestion:</b> Severe esophageal or intestinal pain/burning.</li><li>• <b>Inhalation:</b> Irritation up to and including burning, sneezing and coughing. Long term exposure can result in severe lung damage.</li></ul>
<b>Medical Conditions Generally Aggravated by Exposure:</b> None Known

## Section VII- First Aid Measures

<b>Emergency and First Aid Procedures</b> <ul style="list-style-type: none"><li>• <b>Inhalation:</b> Remove to fresh air and call a poison control center or doctor if breathing difficulty or discomfort occurs and persists.</li><li>• <b>Ingestion:</b> Drink large quantities of water. Rinse mouth with water. Do not induce vomiting without medical advice. Seek medical attention if product is swallowed.</li><li>• <b>Skin Contact:</b> Wash liberally with soap and water. If on clothes, wash before reuse. Obtain medical attention if blistering or pain results.</li><li>• <b>Eye Contact:</b> Flush with water for 15 minutes lifting upper and lower lids. Remove contact lenses if present. Seek medical attention.</li></ul> <b>Lithium hypochlorite is corrosive to eyes, skin and mucous membranes. Careful consideration for esophageal, stomach and intestinal burns.</b>
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## Section VIII- Precautions for Safe Handling and Use

<b>Handling:</b> Avoid contact with skin. Wear rubber gloves. Do not ingest or inhale. Wear respirator if handling large quantities (greater than 1 lb.) Do not get in eyes. Wear safety glasses or goggles. Wash hands with soap and water after handling. If handling large quantities, a rubber apron is recommended. An eye wash and/or safety shower is also recommended. <b>Storage:</b> KEEP OUT OF REACH OF CHILDREN. Avoid extreme heat. Do not reuse empty container. Store away from readily oxidizable materials (wood, paper, etc.), strong acids and all flammables. Keep container closed when not in use.
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# BRUSH DELITE MSDS

## Section IX- Accidental Release Measures

**Spills:** Place into a clean, dry metal container with a clean shovel. Cover loosely with a metal cover and dispose of properly (see below). Keep combustibles away from spilled material.

**Disposal Considerations:** This product is not considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261. Dispose of product by using in accordance with label directions or in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).

**Ecologic Information:** This product is toxic to fish and invertebrates. Do not contaminate water by cleaning of equipment or disposal of waste.

## Section X-Control Measures and Personal Protection

**Ventilation and Respiratory Protection:** General ventilation and local exhaust required. When not available, a NIOSH or equivalent respirator approved against inorganic vapors is recommended.

**Engineering Controls: Mechanical (General):** Normally sufficient.

**Local Exhaust:** Required

**Skin Protection:** Rubber gloves and a rubber apron if handling large quantities.

**Eye Protection:** Use Safety Glasses when splashing into the eyes is possible.

**Work/Hygiene Practices:** Wash hands after using. Do not get in eyes, on skin, or clothing. Harmful if swallowed. An eye wash station and safety shower should be within reach if handling quantities greater than 1 lb. Sealed containers can be safely handled but rubber gloves are still recommended.

## Section XI-Transportation Information

**PROPER SHIPPING NAME :** Oxidizing solid, n.o.s. (lithium hypochlorite, mixture)

**HAZARD CLASS:** 5.1

**PACKING GROUP:** III

**LABELS REQUIRED:** Oxidizer

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied is given. It is the responsibility of the user to comply with all Federal, State and Local laws and regulations.