

# MATERIAL SAFETY DATA SHEET

**Manufacturer.....:** HY-TECH Thermal Solutions, LLC  
159 Parkhill Blvd  
Melbourne, FL 32904  
**Emergency Phone.....:** 509 522 0490  
**MSDS DATE:** April 14, 2012  
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## **1. CHEMICAL PRODUCT**

**Product Name.....:** House and Wall Wash  
**Product Number:** 19941 19945  
**Chemical Name.....:** Sodium Salts Blend  
**Chemical Family...:** Inorganic Salts  
**Appearance.....:** Powdered granules

## **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	Proprietary	CAS #
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## **3. HAZARDS IDENTIFICATION**

### **STRONG OXIDIZER**

### **CAUSES EYE BURNS.**

### **HARMFUL IF INHALED OR SWALLOWED.**

Emits Toxic Fumes And May Explode When Heated To Decomposition or In Combination With Acids.

### **CAUSES SKIN IRRITATION.**

## **POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC)**

Symptoms of Exposure: -Causes eye burns on contact. Toxic if swallowed. Dust is harmful if inhaled; irritating to skin and respiratory tract. Emitted gases can cause pulmonary edema

Routes of Entry: Inhalation, ingestion

Carcinogenicity: The material is not listed as a cancer-causing agent.

## **4. FIRST AID MEASURES**

Emergency First Aid:

### **GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.**

Skin: Immediately flush thoroughly with large amounts of water

Eyes: Immediately flush thoroughly with water for at least 15 minutes.

Inhalation: Remove to fresh air; give artificial respiration breathing has stopped.

Ingestion: If conscious, drink water and induce vomiting immediately as directed by medical personnel.

## **5. FIRE FIGHTING MEASURES**

Flash Point (F).....: N/A

Flammable Limits LEL (%): N/A

Flammable Limits UEL (%): N/A

Extinguishing Media.....: Water spray

Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Fire & Explosion Hazards: Thermal decomposition produces toxic fumes. May explode when heated suddenly above 212F.

## **6. ACCIDENTAL RELEASE MEASURES**

Spill Response:

Evacuate the area of all unnecessary personnel.

Wear suitable protective equipment listed under Exposure /Personal Protection.

Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate its source, if this can be without risk. Take up and containerize for proper disposal as described under Disposal. Comply with Federal, State, and local regulations on reporting releases. Refer to Regulatory Information for reportable quantity and other regulatory data.

## **7. HANDLING AND STORAGE**

Handling & Storage:

Keep container tightly closed.

Store in a cool, well-ventilated area away from acids and combustible material

Do not breathe dust or vapor.

Do not get in eyes, on skin or on clothing

**ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT:**

Ventilation, Respiratory Protection, Protective Clothing, Eye Protection.

Material should be handled with adequate ventilation.

Protective gloves (Neoprene, PVC or equivalent) should be worn to prevent skin contact.

Safety glasses with side shields must be worn at all times.

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (see TLV/PEL), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering and/or administrative controls should be implemented to reduce exposure.

**Work / Hygienic Practices:**

Wash thoroughly after handling.

Do not take internally.

Eye wash and safety equipment should be readily available.

Keep out of Reach of Children

**EXPOSURE GUIDELINES**

OSHA - PEL/ACCGIH -TLV	TWA		STEL		CL	
Component	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point (C 760 mmHg): N/A

Melting Point (C).....: Decomposes

Specific Gravity (H2O = 1): N/A

Percent Volatile by Vol. (%): N/A

Solubility in Water (%): Dissolves

Appearance.....: White granules

**10. STABILITY AND REACTIVITY**

Stability.....:Yes

Hazardous Polymerization: Does not occur

Hazardous Decomposition: O2 COx

Conditions to Avoid..:-May react violently on contact with acid, liberating toxic fumes and Carbon Dioxide

Materials to Avoid.....: Acids, Organic compounds, Combustible materials, and solvents

**11. TOXICOLOGICAL INFORMATION**

Toxicity Data: None established

Toxicological Findings: -Tests on laboratory animals indicate components may be mutagen. Cited in Registry of Toxic Effects of Substances (RTECS)

**12. DISPOSAL CONSIDERATIONS**

EPA Waste Numbers: NA

Treatment: Specified Technology - Contact your local permitted waste disposal site (TSD) for permissible treatment sites. ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS

**13. TRANSPORT INFORMATION**

DOT Shipping Name.....: N/A DOT Number.....: N/A

**14. REGULATORY INFORMATION**

TSCA Inventory: The CAS numbers of this product is listed on the TSCA Inventory

	SARA	SARA	CE	OSHA	SARA	DeMinimis
Component	EHS	EHS TPQ	RQ	Floor List	313	for SARA 313
	(302)	(lbs)	(lbs)			

**15. OTHER INFORMATION**

Comments: None

Special Hazards: **FPA Hazard Ratings: Health 2 Flammability 0 Reactivity 2**

N/A = Not Available

N/E = None Established

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