

# MATERIAL SAFETY DATA SHEET

Revision: 01.03.2019

## 1. Identification of the Substance / Company Details and Undertaking

**Product Name:** weberklin R  
**Application:** Professional detergent for swapping and clearing aged stints from general rock, tiles, and cements. Professional detergent for renewing tile and grout.  
**Company:** Saint-Gobain Weber (Hong Kong) Building Material Co., Limited  
**Manufacturer Address:** No. 7 Wang Lok Street, Yuen Long Industrial Estate, Yuen Long, N.T. Hong Kong  
**Telephone:** 852-2470-6625  
**Fax:** 852-2479-4834  
**Emergency Number:** 852-2470-6625

## 2. Composition / Information on Ingredients

Ingredient	CAS Number	EC Number	Risk Phrases
Amidosulfuric Acid	5329-14-6	226-218-8	Irritant
Sodium Fluoride	7681-49-4	231-667-8	Irritant
Benzalkonium Chloride	8001-54-5	264-151-6	None
Thiourea	62-56-6	200-543-5	None
Color Powder	NIL	NIL	None
Water	7732-18-5	231-791-2	None

## 3. Hazards Identification

HEALTH	NFPA Ratings (Scale 0-4) Fire	Reactivity
2	0	0
HEALTH	HMIS Ratings (Scale 0-4) Fire	Reactivity
2	0	0

### Emergency Overview

**Color:** Light Orange  
**Physical Form:** Liquid  
**Odor:** Mild Odor  
**Solubility in water (20 deg C):** Completely miscible  
**Specific gravity:** 1.01 – 1.05



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## 4. First Aid Measures

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**Eye:** Immediately flush eyes with water for at least 15 minutes, lifting eyelids to thoroughly flush. If redness or irritation persists, get prompt medical attention.

**Skin:** Remove contaminated clothing and flush affected skin area with copious amounts of water for at least 15 minutes. Seek medical attention if burning or irritation of the skin persists. Launder clothing before reuse.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Inhalation:** Remove from exposure and move to fresh air immediately. Get medical aid.

### Note to Physician

Administration of Sodium bicarbonate may be of value to treat acidosis. Monitor kidney and liver function and arterial blood gases closely.

### Potential Health Effects

**Eye:** Direct contact with this product may cause severe irritation.

**Skin:** Direct contact with this product may cause severe irritation.

**Ingestion:** Swallowing this product may cause symptoms of nausea, vomiting, lethargy, diarrhea, and abdominal pain.

**Inhalation:** Inhaling this product may cause irritation of the mucous membranes and respiration tract with symptoms of sneezing, coughing and difficulty of breathing.

## 5. Fire Fighting Measures

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<b>Flash Point:</b>	Not Applicable
<b>Fire and Explosion Hazards:</b>	Not Fire Hazard
<b>Reactivity:</b>	Stable

### Extinguishing Media

Water Spray, Carbon Dioxide, Dry chemical powder, or appropriate foam.

### Fire Fighting:

Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

### Hazardous Combustion Products:

Thermal decomposition products or combustion: oxides of carbon.

## 6. Accidental Release Measures

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### **Personal Precaution:**

Follow protective measures provided under Personal Protection in Section 8. Evacuate unnecessary personnel from area affected by release. Contain Spill.

### **Environmental Precautions:**

Do not allow entry into sewers and waterways.

### **Methods for Cleaning Up**

For small spills, soak up with absorbent material and place in properly labeled containers for disposal. For large spills, dike and pump into properly labeled containers for reclamation or disposal, according to local, state, and federal regulations.

### **Waste Disposal Methods:**

Dispose of in a landfill or flush to a sanitary sewer in accordance with local, state, and federal regulations.

## 7. Handling and Storage

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**Handling:** Use with adequate ventilation. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, and open flames.

**Storage:** Keep away from heat and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

## 8. Exposure Control / Personal Protection

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**Engineering Control:** Use adequate ventilation to keep airborne concentrations low.

### **Personal Protective Equipment:**

**EYES:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**SKIN:** Wear appropriate protective clothing to prevent skin exposure

**CLOTHING:** Wear appropriate protective clothing to prevent skin exposure.

**RESPIRATIONS:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## 9. Physical and Chemical Properties

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<b>Physical State:</b>	Liquid
<b>Odor:</b>	Mild odor
<b>Melting Point:</b>	0°C
<b>Color:</b>	Light Orange
<b>Physical Form:</b>	Aqueous with little suspension
<b>Boiling Point:</b>	100°C
<b>PH:</b>	2 - 3
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available

<b>Water Solubility:</b>	>90%
<b>Volatility:</b>	>90%
<b>Odor Threshold:</b>	Not available
<b>Evaporation Rate:</b>	Slower than 1
<b>Coefficient of water/oil distribution:</b>	Not available

## 10. Stability and Reactivity

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**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Ignition sources, excess heat, strong oxidants.

**Incompatibilities with Other Materials:** Not available.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.

**Hazardous Polymerization:** Has not been reported.

## 11. Toxicology Information

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**Effects of overexposure:** None in our experience under normal conditions of handling and use.

**Carcinogenicity:** No component of this product is identified as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Irritancy of Material:** No significant irritation expected other than possible mechanical irritation; dense dust generated by the handling and/or processing of this material may be irritation to the eyes, skin, nose and throat.

**Sensitization:** Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

## 12. Ecological Information

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### Sodium Fluoride

#### Acute Ecotoxicity Tests

<b>Test Type:</b>	LC50 Fish
<b>Species:</b>	Onchorhynchus mykiss (Rainbow trout)
<b>Time:</b>	96h
<b>Value:</b>	200mg/l

<b>Test Type:</b>	EC50 Daphnia
<b>Species:</b>	Daphnia magna
<b>Time:</b>	48h
<b>Value:</b>	98mg/l

### Thiourea

#### Acute Ecotoxicity Tests

<b>Test Type:</b>	EC50 Daphnia
<b>Species:</b>	Daphnia magna
<b>Time:</b>	48h
<b>Value:</b>	5.6-18.0mg/l

<b>Test Type:</b>	LC50 Fish
<b>Species:</b>	Brachydanio rerio
<b>Time:</b>	96h

<b>Value:</b>	10,000mg/l
<b>Test Type:</b>	LC50 Fish
<b>Species:</b>	Leuciscus idus
<b>Time:</b>	48h
<b>Value:</b>	>10,000mg/l
<b>Test Type:</b>	EC50 Daphnia
<b>Species:</b>	Daphnia magna
<b>Time:</b>	24h
<b>Value:</b>	6.8mg/l
<b>Test Type:</b>	EC50 Algae
<b>Time:</b>	96h
<b>Value:</b>	4.8-10.0mg/l

### **13. Disposal Considerations**

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Waste material is not a hazardous waste. Disposal of in accordance with applicable federal, state and local regulations.

### **14. Transport Information**

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This product is not a DOT hazardous material; Not dangerous goods for transport.

IATA/IMO: Non-hazardous for air transport.

### **15. Regulatory Information**

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#### **International:**

IATA: Not regulated

ICAO: Not regulated

IMDG: Not regulated

Canada: DSL/NDSL: This product is included on the Canadian Domestic Substance List.

Canada: TDG: Not regulated

Canada: WHMIS: Not a controlled product.

EU: All components of this product are listed on EINECS or are exempt from EINECS registration.

#### **Federal:**

DOT: Not hazardous

OSHA: This product is not hazardous under the criteria of Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA: No ingredients listed.

TSCA: This product is certifies for inclusion on the TSCA Inventory of Chemical Substances.

#### **State:**

CA: Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

### **Labeling according to EEC Directives: Xn: Harmful**

The above cleaning agent are not classified in the Annex I of Directive 67/548/EEC and are not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances)

### **16. Other Information**

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NOTICE: All information appearing herein is based upon data obtained from the manufacturer and its distributors. While the information is believed to be accurate, Saint-Gobain Weber (Hong Kong) Building Material Co., Limited makes no representations as to its accuracy or sufficiency; conditions of use are beyond Saint-Gobain Weber (Hong Kong) Building Material Co., Limited control and therefore users are responsible to verify this information under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

### **13. Preparation Information**

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<b>Printed date:</b>	6-Dec-19		
<b>Prepared date:</b>	6-Mar-12		
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