

## MATERIAL SAFETY DATA SHEET

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

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

### 2. Composition / Information on Ingredients

Ingredient	CAS Number	Risk Phrases
Sulphamidic Acid	5329-14-6	Irritant
Amphoteric Surfactant	NIL	None
Nonionic surfactant	1691-99-2	Irritant
Color Powder	NIL	None
Water	7732-18-5	None

### 3. Hazards Identification

#### Emergency Overview

CAUSES SEVERE EYE AND SKIN IRRITATION. Untreated contact may cause severe irritation or chemical burns.

CAUSES RESPIRATORY TRACT IRRITATION.

HARMFUL IF SWALLOWED.

Do not get in eyes or on skin or clothing. Avoid breathing dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

ADD THIS PRODUCT TO WATER SLOWLY.

#### Potential acute health effects:

**Eyes:** Severely irritating to eyes. Untreated contact may cause chemical burns.

**Skin:** Severely irritating to the skin. Untreated contact may cause severe irritation or chemical burns.

**Inhalation:** Irritating to respiratory system.

**Ingestion:** Harmful if swallowed. May cause burns to mouth, throat and stomach.



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## 4. First Aid Measures

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**Eye:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

**Skin:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Serious Inhalation:** Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

**Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

**Serious Ingestion:** Not available.

## 5. Fire Fighting Measures

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**Flash Point:** > 100°C

**Fire-fighting media and instructions:** Use an extinguishing agent suitable for the surrounding fire. Dike area of fire to prevent runoff. No specific hazard.

**Specific protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-piece operated in positive pressure mode.

## 6. Accidental Release Measures

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### Small Spill:

Use appropriate tools to put the spilled in a convenient waste disposal container.

### Large Spill:

Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed.

## 7. Handling and Storage

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### Precautions:

Keep container dry. Do not ingest. Do not breathe dust. Avoid contact with eyes. Never add water to this product. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as acids, alkalis.

May corrode glass. Store in an appropriate container.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 45°C.

## 8. Exposure Control / Personal Protection

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**Engineering Control:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### Personal Protection:

Splash goggles. Lab coat. Dust respirator, Gloves.. Be sure to use an approved/certified respirator or equivalent.

### Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### Exposure Limits:

TWA: 2.5 (mg(F)/m) from OSHA (PEL) [United States]  
Consult local authorities for acceptable exposure limits.

## 9. Physical and Chemical Properties

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<b>Physical state and appearance:</b>	Liquid
<b>Color:</b>	Strawberry Red
<b>pH (1% soln/water):</b>	1 - 2
<b>Boiling Point:</b>	Not available
<b>Melting Point:</b>	Decomposes
<b>Critical Temperature:</b>	Not available
<b>Specific Gravity:</b>	1.01 – 1.05 (Water = 1)
<b>Vapor Pressure:</b>	Not applicable
<b>Vapor Density:</b>	Not available
<b>Volatility:</b>	Not available
<b>Odor Threshold:</b>	Not available

<b>Water/Oil Dist. Coeff.:</b>	Not available
<b>Ionicity (in Water):</b>	Not available
<b>Dispersion Properties:</b>	See solubility in water
<b>Solubility:</b>	Partially soluble in cold water, hot water Insoluble in ethanol Soluble in 150 parts cold water, 40 parts boiling water Solubility in water: 0.64 g/100 g at 20 deg. C.; 0.76 g/100 g at 25 deg. C; 1.27 g/100 g at 50 deg. C; 2.45 g/100 g at 100 deg. C.

## 10. Stability and Reactivity

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**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Incompatible materials

**Incompatibility with various substances:** Reactive with acids, alkalis.

**Corrosivity:** Not available.

**Special Remarks on Reactivity:**

Incompatible with strong acids, alkaline materials, iron containing materials. It may react with strong mineral acids to liberate hydrogen fluoride or hydrofluoric acid which are highly toxic and corrosive. Highly reactive with alkalis

## 11. Toxicology Information

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**Routes of Entry:** Inhalation. Ingestion.

**Chronic Effects on Humans:**

Contains material which causes damage to the following organs: skin.

**Special Remarks on other Toxic Effects on Humans:**

Acute Potential Health Effects:

Eyes: Severely irritating to eyes. Untreated contact may cause chemical burns.

Skin: Severely irritating to the skin. Untreated contact may cause severe irritation or chemical burns.

Inhalation: Irritating to respiratory system.

Ingestion: Harmful if swallowed. May cause burns to mouth, throat and stomach

## 12. Ecological Information

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**Toxicity of the Products of Biodegradation:** The products of degradation are as toxic as the original product

**Special Remarks on the Products of Biodegradation:** Not available

## 13. Disposal Considerations

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**Waste Disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## 14. Transport Information

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**DOT Classification:** CLASS 6.1: Poisonous material  
**Identification:** Sodium fluorosilicate UNNA: 2674 PG: III  
**Special Provisions for Transport:** Not available

## 15. Regulatory Information

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**HCS Classification:** Corrosive material. Target organ effects.  
**U.S. Federal regulations:**  
SARA 302/304/311/312 extremely hazardous substances: None.  
SARA 302/304 emergency planning and notification: None

**TSCA 8(b) inventory:** All materials are listed or exempt

**California Prop. 65:** No products were found

## 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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