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cleaner environment

## **CLEAN BRIGHT** Mosaic Floor Renovator

### **Product Description**

**CLEAN BRIGHT** contains a blend of acids and surfactants to provide exceptional cleaning and surface renovation efficiency. Specially developed for removing heavy build-up of oxide films, fungus, and light deposits of oil and grease, surfaces look like new again after cleaning.

### **Areas of Use**

Use **CLEAN BRIGHT** on concrete, mosaic, glazed quarry and ceramic tiles on floors and walls.

### **Special Features**

- Effectively cuts down heavy build-up of oxide films, fungus, and light deposits of oil on various hard surfaces.
- An excellent cleaner and brightener of certain aluminum and stainless steel surfaces (see Directions for Use below).

### **Directions for Use**

- Dilute **CLEAN BRIGHT** with 5-10 parts of water, depending on amount of soil to be cleaned. For oily or heavily soiled surfaces, preliminary cleaning with a mild alkali detergent like **EASY CLEAN** or **POWER FORCE** is recommended.
- Apply it by mop, cloth or acid-resistant sprayer. Spread over dirty floor surface.
- Let solution act on the surface for 1 to 2 minutes, then scrub briskly with a brush or scrubbing machine and flush thoroughly with water.
- Do not allow solution to dry on the surface.
- After renovating the surface, maintain regularly with alkaline detergents.

**CLEAN BRIGHT** may also be used to clean and brighten certain grades of stainless steel and aluminum. Consult your KLENCO representative or distributor for usage directions.

*NOTE: Incorrect use will result in damage to the surface. Use **CLEAN BRIGHT** for one time use on severe build-up, and not as a regular cleaning solution. It will etch marble, terrazzo and other types of smooth or polished surfaces. If unsure about suitability of **CLEAN BRIGHT**, test on an inconspicuous spot first.*

### **Precautions**

This product is acidic. Avoid ingestion, inhalation, skin and eye contact. Wear rubber gloves and protective clothing when handling. Allow for adequate ventilation. If ingested, consume large amounts of cold water to dilute. If the product contacts skin or eyes, flush thoroughly with cold water and seek medical help as soon as possible. Store in a cool place and keep container sealed.

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KLENCO products are used in over 20 countries across Asia, the Middle East, Europe and Africa

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

|                                                                                                                                    |                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Product Identifier: CLEAN BRIGHT                                                                                                   | Supplier: Klenco (Singapore) Pte Ltd.<br>Address: 18 Gul Crescent, Singapore 629527<br>Department: Chemical<br>Person in Charge: Chemist |
| Other means of identification: Mosaic Floor Renovator                                                                              |                                                                                                                                          |
| Date of SDS: 01 January 2026                                                                                                       | Phone: (65) 6862 3388<br>Fax: (65) 6861 7575<br>Email: info@klenco-asia.com<br>Emergency contact: (65) 6862 3388 Ext 249                 |
| Recommended use and restriction on use: Use CLEAN BRIGHT on concrete, mosaic, glazed quarry and ceramic tiles on floors and walls. |                                                                                                                                          |

## SECTION 2 - HAZARDS IDENTIFICATION

GHS classification: Acute toxicity: Category 3  
Skin corrosion: Category 1; Serious eye damage: Category 1

GHS label elements: Pictogram: Signal Words: Danger



Hazard statements: H301: Toxic if swallowed.  
H314: Causes skin burns and eye damage.

Precaution statements: P201: Obtain special instructions before use.  
P233: Keep container tightly closed.  
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

## SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

| Chemical Identification | Component & Composition | Chemical Formula | CAS NO.   | EC NO.    |
|-------------------------|-------------------------|------------------|-----------|-----------|
| Phosphoric Acid         | < 35.0 %                | H3PO4            | 7664-38-2 | 231-633-2 |
| Hydrofluoric Acid       | < 3.0 %                 | HF               | 7664-39-3 | 231-634-8 |
| Nonyl Phenol Ethoxylate | < 2.0 %                 | C33H60O10        | 9016-45-9 | 247-816-5 |
| Water                   | > 50.0 %                | H2O              | 7732-18-5 | 231-791-2 |

## SECTION 4 – FIRST AID MEASURES

**Inhalation:** Move to area of fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.

**Skin contact:** Wash with large amounts of soap and water. If irritation persists, consult a physician.

**Eye contact:** Flush with cool water for at least 15 minutes. Then consult a physician immediately.

**Ingestion:** Induce vomiting. Dilute by drinking water. Call a physician immediately.

**Notes to Physicians:** Treatment should be directed at preventing absorption, administering symptoms (if they occur), and providing supportive therapy.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Suitable fire-extinguishing media:** Water, dry chemical, fog and foam.

**Specific hazards arising from the chemical:** Burning can produce carbon dioxide, carbon monoxide and traces of phosphoric oxides.

**Special protective actions for fire fighters:** Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.

## SECTION 6 - ACCIDENTAL RELEASE MEASURE

**Personal precautions, protective equipment, and emergency measures:** Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc).

**Environmental precautions:** Chemical substances should not be released into the environment (water, soil).

**Methods and materials for containment and cleaning up:** Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water. Provide optimum ventilation. Cover spills with absorbent clay, sawdust, inert material, soda ash, slaked lime and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Wash thoroughly after handling, especially before eating and drinking. Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-use. Handle all containers carefully. Do not throw or roll on the ground to prevent damage to containers.

**Conditions for safe storage, including any incompatibilities:** This product is a corrosive liquid. Store in a cool, dry, well-ventilated area at room temperature. Keep away from strong alkalis and oxidizing agents, especially chlorine releasing agents. Do not re-use empty containers for food, clothing or products for human or animal consumption or where skin contact can occur.

## SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Control parameters/ Occupational exposure limits:** ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.

**Appropriate engineering control measures:** Local exhaust ventilation is usually required, when vapours, mist, or dusts can be released.

**Personal Protection:** Use protective equipment such as rubber/PVC gloves, safety glasses/goggles.

| SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES                                                 |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--|--|
| <b>Appearance &amp; Odour:</b>                                                               | Clear amber liquid with suffocating odour.                                                                                                                                                                                                                                  |                                                                              |  |  |
| <b>Solubility in water:</b>                                                                  | Complete.                                                                                                                                                                                                                                                                   |                                                                              |  |  |
| <b>Boiling Point:</b>                                                                        | 100 °C                                                                                                                                                                                                                                                                      |                                                                              |  |  |
| <b>Specific Gravity:</b>                                                                     | 1.190 +/- 0.005 g/cm <sup>3</sup>                                                                                                                                                                                                                                           |                                                                              |  |  |
| <b>pH:</b>                                                                                   | 1.0 +/- 0.5                                                                                                                                                                                                                                                                 |                                                                              |  |  |
| <b>Flash Point (T.C.C.):</b>                                                                 | None to boiling                                                                                                                                                                                                                                                             | <b>Flammable Limits - Upper:</b> Not applicable <b>Lower:</b> Not applicable |  |  |
| <b>Vapour Pressure:</b>                                                                      | Not determined                                                                                                                                                                                                                                                              |                                                                              |  |  |
| <b>Vapour Density:</b>                                                                       | Not determined                                                                                                                                                                                                                                                              |                                                                              |  |  |
| SECTION 10 - STABILITY AND REACTIVITY                                                        |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>Reactivity/ In compatible materials:</b>                                                  | Strong alkalis and oxidizing materials.                                                                                                                                                                                                                                     |                                                                              |  |  |
| <b>Chemical stability:</b>                                                                   | Stable under normal temperature and pressure.                                                                                                                                                                                                                               |                                                                              |  |  |
| <b>Possibility of hazardous reaction:</b>                                                    | Will not occur.                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>Condition to avoid:</b>                                                                   | Not applicable                                                                                                                                                                                                                                                              |                                                                              |  |  |
| SECTION 11 – TOXICOLOGICAL INFORMATION                                                       |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>Acute toxicity: Oral:</b>                                                                 | Ingestion of high amount of product is fatal.                                                                                                                                                                                                                               |                                                                              |  |  |
| <b>Skin or eye irritation:</b>                                                               | This product contains acidic material that will cause burns and intense irritation to eyes and/or skin.                                                                                                                                                                     |                                                                              |  |  |
| SECTION 12 – ECOLOGICAL INFORMATION                                                          |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>Toxicity:</b>                                                                             | Concentrations with a pH value of 6.0 or lower, especially in fresh water, may be fatal to fish and other aquatic organism. It can cause damage to aquatic plants and vegetation.                                                                                           |                                                                              |  |  |
| <b>Persistence and degradability:</b>                                                        | Product degrades readily by reaction of carbon dioxide in the air as well as decomposition by microorganism.                                                                                                                                                                |                                                                              |  |  |
| <b>Bioaccumulative potential:</b>                                                            | It is soluble in water and does not bio-accumulate.                                                                                                                                                                                                                         |                                                                              |  |  |
| SECTION 13 – DISPOSAL CONSIDERATIONS                                                         |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>Disposal method:</b>                                                                      | Dispose of in an approved waste facility according to local regulations.                                                                                                                                                                                                    |                                                                              |  |  |
|                                                                                              | It is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework, if feasible (2) Incinerate at an authorized facility (3) Treat at an acceptable waste treatment facility. |                                                                              |  |  |
| SECTION 14 – TRANSPORT INFORMATION                                                           |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| This material is non-regulated and no special requirement is necessary.<br>HS Code: 34024290 |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| SECTION 15 – REGULATORY INFORMATION                                                          |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>International regulation:</b>                                                             |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>Classification:</b>                                                                       | This product contains Hydrofluoric Acid as an ingredient that is classified as corrosive under EC Classification.                                                                                                                                                           |                                                                              |  |  |
| <b>Risk phrases:</b>                                                                         | R28                                                                                                                                                                                                                                                                         | Very toxic if swallowed.                                                     |  |  |
|                                                                                              | R34                                                                                                                                                                                                                                                                         | Causes burns.                                                                |  |  |
| <b>Safety phrases:</b>                                                                       | S07                                                                                                                                                                                                                                                                         | Keep container tightly closed.                                               |  |  |
|                                                                                              | S18                                                                                                                                                                                                                                                                         | Handle and open container with care.                                         |  |  |
|                                                                                              | S50                                                                                                                                                                                                                                                                         | Do not mix with oxidizing materials.                                         |  |  |
| SECTION 16 – OTHER INFORMATION                                                               |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>Hazard Rating: HMIS (Hazardous Materials Information System)</b>                          |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>HEALTH:</b>                                                                               | 2                                                                                                                                                                                                                                                                           |                                                                              |  |  |
| <b>FLAMMABILITY: 0</b>                                                                       |                                                                                                                                                                                                                                                                             |                                                                              |  |  |
| <b>REACTIVITY:</b>                                                                           | 1                                                                                                                                                                                                                                                                           |                                                                              |  |  |
| 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme                                        |                                                                                                                                                                                                                                                                             |                                                                              |  |  |

**NOTICE:** SDS is correct at date of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over-exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied); and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.