

SAFETY DATA SHEET



REVISION DATE: 04/10/2023

REVISION NUMBER: 03

1. IDENTIFICATION

Product name : SUPER LIME AWAY

Synonyms : NONE

Recommended use: • Acidic, descaler cleaner concentrate to remove scum, hard water deposits from tiles and ceramic wares.

Uses advised against: Uses other than those identified are not recommended

Manufacturer Address: Schevaran Laboratories Pvt. Ltd.
427/B, Hebbal Industrial Area,
Mysuru- 570 016. India.

Phone : 91-0821-4277500-520

Emergency telephone number: 91-0821-2417455 / 4277500

2. HAZARDS IDENTIFICATION

Classification for the undiluted product:

Skin corrosion/irritation: Category 1B

Serious eye damage/eye irritation: Category 1

Signal Word: Danger



Precautionary Statements

CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE.

Causes burns/ serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash affected areas thoroughly after handling. Wear chemical-splash goggles, chemical-resistant gloves and protective footwear.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a physician. Wash contaminated clothing before reuse. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

*Blend of acids and hydrotrope.

*Exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Undiluted Product:

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a plenty of milk or water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Specific methods: No special methods required
Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: None known.
Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Extinguishing media which must not be used for safety reasons: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods:
 Clean-up methods - **large spillage:** Absorb with sand, earth or an inert material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN. Protect from direct sun light.
Aerosol Level (if applicable): Not applicable
Incompatible materials: Alkali

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

PRODUCT COMPOSITION CAS#	ACGIH TLV	OSHA PEL	NIOSH IDLH/REL
Phosphoric acid 7664-38-2	STEL: 3 mg/m ³ TWA: 1 mg/m ³	(vacated) STEL: 3 mg/m ³ (vacated) TWA: 1 mg/m ³ TWA: 1 mg/m ³	1000 mg/m ³
Hydrochloric acid 7647-01-0	5 ppm Ceiling	7 mg/m ³	(7 mg/m ³)

Engineering measures to reduce exposure:

No special ventilation requirements General room ventilation is adequate

Personal Protective Equipment

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions. Self-contained breathing apparatus if required.
Hygiene measures: Handle in accordance with good industrial hygiene and safety Practice

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Liquid
Color:	Blue
Evaporation Rate:	No information available
Odor:	Slightly acid
Odor threshold:	No information available.
Boiling point/range:	Not determined
pH@25°C:	Below 2.0 (<2)
Specific gravity @25°C:	1.10-1.3 g/ml
Viscosity @25°C:	Not applicable
Metal Corrosion:	Not determined

10. STABILITY AND REACTIVITY:

Reactivity:	Reacts with Metals
Stability:	The product is stable
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	Strong oxidizing agents, Red oxide, cement, Mosaic, aluminium, marble floors.
Conditions to avoid:	Do not freeze

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

Eye contact: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering.

Ingestion: Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

Sensitization: No known effects.

12. ECOLOGICAL INFORMATION

Eco toxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Undiluted product is regulated under environmental and transportation laws as a corrosive waste.

Dispose of according to all federal, state and local applicable regulations.

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

EEC Regulation: C, CORROSIVE, Hydrochloric Acid, Solution, UN1789, Hazchem 2R.

IMDG/UN: Hydrochloric Acid, Solution, UN1789, Class 8, PG III.

ICAO/IATA: Passenger Aircraft: 819, Y819
Cargo Aircraft: 821t.

15. REGULATORY INFORMATION

International Inventories:

None of the ingredients used in the formulations are listed as hazardous and carcinogens under the OSHA, NTP and IARC lists

16. OTHER INFORMATION

NEPA

Health: 3
Flammability: 0
Reactivity: 1

HMIS

Health hazards: 3
Flammability: 0
Physical hazards: 0
Personal protection: C

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END OF MSDS