

SAFETY DATA SHEET

SlipSafeTile Products

SlipSafeTile Treatment

Revision Date 13 March 2015

Issue Date 1 June 2015

SECTION I. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:

Product Name: SSP SlipSafeTile Treatment
Product Code FLCSTTXXSSP-STT
Customer Code SST415

Recommended use of the chemical product and restrictions on use.

Recommended use:

★ Deep cleaning floor agent and tile floor slip resistant treatment. ★

Uses advised against: Use only as stated on label.

Details of the supplier of Safety Data Sheet:

Manufactured For / Distributed by:

SlipSafeTile Products, LLC

Friday Harbor, WA 98250

206 418 8083

24 Hour Emergency Number: (800) 228-5635 x059

SECTION II. HAZARDOUS IDENTIFICATION

Non Corrosive to Skin:

(as defined and tested in accordance with the US OSHA Hazard Communication Standard, DOT Hazardous Material Regulations, Canada WHIMIS regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemicals, Number 404 " Acute Dermal Irritation / Corrosion ").

Routes of entry: Inhalation, skin, ingestion, and eye contact.

Emergency Overview: Product expected to be severe eye irritant.

Signs and symptoms of short term (acute) exposure:

Inhalation:	May be irritating to the respiratory tract.
Skin contact:	Prolonged or repeated exposure contact could cause irritation.
Eye contact:	Excepted to be severe eye irritant.
Ingestion:	May cause severe burns-irritation to throat, abdominal pain, burns of digestive tract

Precautionary Statements – Prevention:

- * Wash face, hands, any exposed skin areas thoroughly after handling.
- * Wear protective gloves and eye protection.

Precautionary Statements – Response:**Specific Treatment (See Section 4 of SDS):**

- * Eye Contact: Rinse cautiously for several minutes. If present remove contact lenses.
- * Skin Contact: Flush with water if irritation persists.
- * Inhalation: Move person to fresh air. Seek medical attention if symptoms persist.
- * Ingestion: if swallowed rinse mouth with water. Drink water. DO NOT induce vomiting.

Precautionary Statements – Storage:

See Section 7 of SDS

Precautionary Statements – Disposal:

See Section 13 of SDS

Hazards not otherwise classified (HNOC):

Unknown Acute Toxicity 0% of the mixture consists of ingredients of unknown toxicity

SECTION III. COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %	Trade Secret
Water	7732-18-5	60 - 100	*
Hydrochloric Acid	7647-01-0	1 – 5	*
Ammonium Biflouride	1341-49-7	.1 – 1	*
Alcohol Ethoxylate	68439-46-3	.1 – 1	*

*The exact percentages (concentration) of composition have been withheld as trade secret.

SECTION IV. FIRST AID MEASURESSee Section II for Medical First Aid**SECTION V. FIRE FIGHTING MEASURES****Suitable extinguishing media.**

Use extinguishing measures that are appropriate to local circumstances and surrounding environment.

As with any fire, wear self-contained breathing apparatus and full protective gear.

SECTION V. FIRE FIGHTING MEASURES....continued**Discharges:**

Unusual fire and explosive hazards: None expected.

Hazardous decomposition products: None expected.

SECTION VI. ACCIDENTAL RELEASE MEASURES**Leak and Spill Procedures:**

Before attempting clean up refer to the hazards data Section II. Small spills can be mopped up with clean water and absorbed with non reactive absorbent and placed in marked container. For large quantities dispose in accordance with local, state, or federal regulations. For large spills provide diking to eliminate spreading. The product is packaged in 1 and 5 gallon containers so spills are unlikely.

SECTION VII. HANDLING AND STORAGE**Storage Requirements:**

KEEP OUT OF REACH OF CHILDREN.

- * Store in original package closed containers away from incompatible materials that include: Oxidizing agents, Ammonia, strong acids and bases, chlorinated compounds.
- * Keep containers tightly sealed in a dry, well ventilated place. Prevent from freezing.
- * Keep in original labeled containers. Do not reuse containers.
- * Do not mix with other chemicals.

SECTION VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines: This product as supplied, does not contain any hazardous materials with occupational exposure limits established by the specific regulatory bodies.

Chemical Name	ACGIH TVL	OSHA PEL	NIOSH IDLH
Hydrochloric Acid 7647-01-0	Ceiling 2 ppm	(vacated) Ceiling 5 ppm (vacated) Ceiling 7 mg/m3 Ceiling 5 ppm Ceiling 7 mg/m3	IDLH 50 ppm Ceiling 5 ppm Ceiling 7 mg/m3
Ammonium Bi-Flouride 1341-49-7	TWA 2.5 mg/m3 F	TWA 2.5 mg/m3 F TWA 2.5 mg/m3 dust (vacated) TWA 2.5 mg/m3	TWA 2.5 mg/m3 F

Gloves:

Impervious rubber gloves.

Eye protection:

Chemical splash goggles.

Respiratory Protection:

Not normally required if good ventilation is maintained.

Engineering Controls:

General ventilation required.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical state:	Liquid
Appearance:	Clear
Color:	Water White
Odor:	Odorless
Odor threshold:	No information available

<u>Property</u>	<u>Values</u>
ph	3
Specific Gravity	1.01
Viscosity	Water Thin
Freezing point	32 F
Flash point	None
Boiling point	212 F
Evaporation rate	Same as water
Water solubility	Completely in water
Vapor pressure	No information available
Vapor density	No information available
Density Lbs/ Gal	8.41
VOC content (%)	None

SECTION X. STABILITY AND REACTIVITY

Reactivity:	No data available.
Stability:	Stable under recommended storage conditions
Possibility of Hazardous reactions:	None under normal conditions
Conditions to avoid:	Exposure to moisture over prolonged periods. Extreme temperatures.
Incompatible materials:	Strong acid and bases. Oxidizing agents. Ammonia. Chlorinated compounds. Do not mix with other chemicals.

SECTION XI. TOXICOLOGICAL INFORMATION

Information on likely route of exposure: Skin, eyes, ingestion, inhalation.

<u>Product Information:</u>	Primary effects and toxicity of this product are of a non corrosive nature.
<u>Corrosivity:</u>	Test results defined in 49 CFR 173.137 (Rabbit Test) determined non-corrosive
<u>Sensitization:</u>	No information available.
<u>Ingestion:</u>	Harmful if swallowed.
<u>Eye contact:</u>	Severe irritation, and possible harmful conditions.
<u>Skin contact:</u>	Could cause possible irritation, possible burns.

SECTION XI. TOXICOLOGICAL INFORMATION....continued**Information on toxicological effects:**

Symptoms: No information available.
 Carcinogenicity: ARC (International Agency for Research on Cancer).
 Product as supplied not classified as carcinogen.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC80
Hydrochloric Acid 7647-01-0	= 700 mg/kg (Rat)	>5010 mg/kg (Rabbit)	= 1.68 mg/L (Rat) 1
Ammonium Bi-fluoride 1341-49-7	= 130 mg/kg (Rat)	Yes	Yes

Reproductive toxicity: No information available.
 STOT- single exposure: No information available.
 STOT- repeated exposure: No information available.
 Target organ effects: Eyes, skin, respiratory system.
 Aspiration hazard: No information available.
 Unknown Acute Toxicity: 0% of mixture consists of ingredients of unknown toxicity.

SECTION XII. ECOLOGICAL INFORMATION**Biodegradability:**

Environmental effects: Upon dilution minimal environmental hazard expected.
 Environmental Fate: Diluted product of ph3 causes no plant hazard.

Eco toxicity:

0.62% of the mixture consists of components of unknown hazards to the aquatic environment.

Chemical Name	Algae/Aquatic Plants	Fish	Crustacean
Hydrochloric Acid 7647-01-0	Yes	82.96h Gambusia affinis mg/L LC50 Static	Yes

Persistence and Degradability: No information available.
 Biodegradability: No information available.

Chemical Name	Partition Coefficient
Hydrochloric Acid 7647-01-0	= 1.4

Other adverse effects: No information available.

SECTION XIII. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Disposal of wastes: Disposal should be in accordance with local, regional, and national regulations. Do not reuse container.

US EPA Waste Number: D002 U134

SECTION XIV. TRANSPORTATION INFORMATION

Note: The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container size and / or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information please contact the distributor listed in section I of this SDS.

US Department of Transportation (USDOT):

4x1 Gallon Case	Not regulated
Pails and Drums (<119 Gal.)	Not regulated

US Department of Transportation (USDOT):

Non Hazardous Material Transportation Rate Classification for product as supplied.

SECTION XV. REGULATORY INFORMATION

International Inventories:

TSCA : Complies

DSL/NDSL : Complies

TSCA: United States Toxic Substance Act Section 8 (b) inventory.

DSL/NDSL: Canadian Domestic Substance List.

Clean Water Act:

This product does not contain any substances regulated as pollutants pursuant to the Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA:

This product as supplied, does not contain any substances regulated as hazardous under the Comprehensive Environmental Response Composition and Liability Act, or The Superfund Amendments and Re-authorization Act (SARA) (40 CFR 355).

US State Regulations

California Propositional 65: This product does not contain any California Proposition 65 chemicals.

EPA Pesticide Registration Number: Not Applicable.

SECTION XVI. OTHER INFORMATION



HMIS

Health Hazards	Flammability	Physical Hazards	Personal Protection
2	0	0	B

Prepared by Regulatory Department.
 Revision Date March 13, 2015.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief the date of this writing. The information given is designed only as a guideline for safe handling, use, storage, transportation, disposal, and release, and is not to be considered a warranty or quality specification. The information relates only to the specific formulation designated by SlipSafeTile Products, LLC, and may not be valid for such material used in combination with any other material or process.

End of Safety Data Sheet