

Section 1. Product and Company Identification

Product Name: Transil® SXT

Product Use: Concrete wear surface extender

Revision: 1.0

Effective Date: 04/11/2023

Manufacturer Information: E-Chem, LLC
 4102 El Rey Rd. SE
 Albuquerque, NM 87105
 Phone: 505.217.2121, Fax: 505.217.3721
 Email: mail@e-chem.net, Web: www.e-chem.net

Emergency Phone Number: Chemtrec at 1-800-424-9300 24 Hours
 Outside the U.S., call Chemtrec collect at 703-527-3887

Section 2. Hazard Identification

GHS Pictograms:



GHS Signal Word: WARNING

Contact with eyes and skin. Keep out of reach of children.
 The product may be harmful if it is inhaled or swallowed

· Classification of the substance or mixture

Acute Tox. 4 H312 Harmful in contact with skin.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Hazard statements

Harmful in contact with skin.

Causes skin irritation.

Causes serious eye irritation.

Precautionary statements

Do not get in eyes, on skin, or on clothing.

Wear protective gloves / eye protection / face protection.

[In case of inadequate ventilation] wear respiratory protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not expose to temperatures exceeding 50°C/122°F.

Dispose of contents/container in accordance with local/regional/national/international regulations.

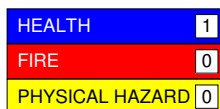
Classification system:

NFPA ratings (scale 0 - 4)



Health = 1
 Fire = 0
 Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 1
 Fire = 0
 Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

Section 3. Ingredients and Hazards Identification

| Component | CAS # | EINECS No | % by weight | REACH Reg # |
|----------------------|------------|-----------|-------------|-------------|
| Lithium polysilicate | 12627-14-4 | 235-730-0 | > 22 | Yes |
| Proprietary | Prop. | Prop. | > 7 | Yes |
| Proprietary | Prop. | Prop. | > 1 | No |
| Proprietary | Prop. | Prop. | < 1 | No |
| Proprietary | Prop. | Prop. | < 1 | No |
| Proprietary | Prop. | Prop. | < 1 | Yes |

*Undisclosed ingredients are withheld as trade secrets

Section 4. First Aid Measures

Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. **DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flash Point: Not flammable

Flammability Limits: NE

Fire Fighting Media: Dry chemical, carbon dioxide, and water spray.

Special Fire Fighting Procedures: First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE). Material is alkaline and may cause the floor to be slippery.

Section 6. Accidental Release Measures

Clean-up Procedures: Material is alkaline wear proper PPE. Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use plastic shovel to pick up absorbent for disposal.

Spills and Leaks: Dispose in accordance to local, state or federal regulations.

Section 7. Handling and Storage

Handling: Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

Storage: Store in original labeled container. Keep in cool and dry areas. Do not exceed 60 °C (140 °F).

Section 8. Exposure Control/Personal Protection

Introductory Remarks: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

Hands: Chemical resistant gloves.

Respiratory: Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.



Safety Data Sheet (SDS)

Transil® SXT

Section 9. Physical and Chemical Properties

| | | | |
|-----------------------------|---------------------------------------|-----------------------|----------------------------|
| Odor/Color | Slight to none/ red tint, dries clear | Vapor Pressure | < 2.2 torr @ 68 °F (20 °C) |
| pH | 11-12 | Density | > 1.0 @ 68°F (20 °C) |
| % volatile by weight | < 50g/L | Solubility | 100 % in water |
| Evaporation rate | > 1.0 | Boiling Point | 212 °F (100 °C) |

Section 10. Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.

Hazardous Decomposition: If complete combustion, oxides of carbon and silicates are formed.

Hazardous Polymerization: Will not occur.

Incompatibility/Materials to Avoid: May react with strong oxidizing agents and strong acids.

Section 11. Toxicological Information

Acute Eye Irritation: Irritating.

Acute Skin Irritation: Chronic exposure may be irritating.

Acute Dermal Toxicity: Not expected to be toxic through the skin.

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Carcinogenic Effects: None

Existing Medical Conditions Aggravated by Exposure: Exposure to eyes and skin may cause irritation to pre-existing conditions.

Section 12. Ecological Information

Ecotoxicity: The toxicity of this product has not been determined.

Environmental Fate: This product should be expected to be readily biodegradable.

Section 13. Disposal Considerations

Waste Disposal Method: Whatever cannot be saved for recovery or recycling should be managed by the local, state or Federal regulations.

Container Handling and Disposal: All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

Section 14. Transport Information

Ground Classification: Not regulated by US DOT

Shipping Name: Transil (SXT)

Technical Shipping Name: None

UNFIC: None

ID Number: None

Packaging Group: None

Labels: No US DOT Labels

Not regulated by IATA or IMO

Section 15. Regulatory Information

EPCRA 311/312 Categories: Immediate (Acute) Health Effects: No
 Delayed (Chronic) Health Effects: No
 Fire Hazard: No
 Sudden Release of Pressure: No
 Reactivity: No

European Community:  irritating (Xi) substances

Right to know classification: None listed.
 TSCA: All ingredients listed or exempt from listing.

Reportable Quantity (RQ): None

Prop. 65: None listed

WHMIS: Xi (Irritant to the eyes and skin)

All ingredients are listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

ABBREVIATIONS:

| | | | |
|--------|--|--------|--|
| CAS # | Chemical Abstract Service Number | EINECS | European Inventory of existing Commercial Chemical Sales |
| °C | Celsius temperature scale | °F | Fahrenheit temperature scale |
| Prop. | Proprietary | PE | Personal Protective Equipment |
| TLV | Threshold Limit Value | TWA | Time Weighted Average |
| STEL | Short-term Exposure Limit | PEL | Permissible Exposure Limit |
| OSHA | Occupational Safety & Health | NIOSH | National Institute of Safety & Health |
| NFPA | National Fire Protection Agency | WHMIS | Workplace Hazardous Materials Information System |
| NTP | National Toxicology Program | IARC | Int. Agency for Research on Cancer |
| RCRA | Resource Conservation Recovery Act | TSCA | Toxic Substance Control Act |
| EC50 | Effective Dose | LC50 | Lethal Inhalation Concentration |
| LD50 | Lethal Dose | CAS | Chemical Abstract Service Number |
| LEL | Lower explosive limit | UEP | Upper explosive limit |
| NDA | No Data Available | ND | Not determined |
| NE | None established | NA | Not Applicable |
| < | Less Than or Equal To | > | Greater Than or Equal To |
| CNS | Central Nervous System | CI | China |
| DSL | Canada | ECL | Korean Existing Chemicals List |
| EEC | European Economic Commission | ENCS | Japanese Existing and New Chemical List |
| EU | European Union | MAC | Netherlands |
| MAK | Germany | MITI | Japan |
| PICCS | Philippines | SWISS | Giftliste 1 |
| UK | United Kingdom | USA | United States |
| VOC | Volatile organic content | ACGIH | American Conference of Government Industrial Hygienists |
| SARA | Superfund Amendments and Reauthorization Act | | |
| AICS | Australian Inventory of Chemical Substances | | |
| IARC | International Agency for Research on Cancer | | |
| Taiwan | List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086 | | |

Section 16. Other Information**Hazardous Material Information (HMIS)****National Fire Protection Association (NFPA)**

| | | | |
|---------------------|---|---|-------------|
| Health | 1 | 1 | Health |
| Fire | 1 | 1 | Fire |
| Reactivity | 0 | 0 | Instability |
| Personal Protection | C | | NA |

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard
Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 >200 °C 0 Will not burn
Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

Risk phrases: R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin.

Safety phrases: S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.

Created: 04/11/2023

Reviewed: 04/11/2023

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