

Section 1: Identification

Product name(s):

- OdorKlenz Carpet Refresher
- EnviroKlenz Carpet Refresher
- **Manufacturer:**
Timilon Corporation
24301 Walden Center Drive, Suite 101
Bonita Springs, Florida 34134
(239) 330-9650

Product Information:

(239) 330-9650

24-Hour Chemtrec Emergency Number:

U.S. (800) 424-9300

International (703) 527-3887

Section 2: Hazard(s) Identification

Hazard Classification(s):

- Acute Oral: GHS Category 5
- Acute Dermal: GHS Category 5
- Acute Eye Irritation: GHS Category 2A

Signal Word:

WARNING

Hazard Statement:

May be harmful if swallowed, Causes eye irritation.

Precautionary Statement:



Prevention	Response
	Call a poison center/doctor/physician if you feel unwell.
	If in the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wash hands after handling.

Any Hazards not Otherwise Classified: None.

Section 3: Composition/Information on Ingredients

Chemical Name (Common Name/Synonyms):	CAS Number:
Soda Ash	497-19-8
Magnesium Oxide	1309-48-4
Aluminum Oxide	1344-28-1
Zinc Oxide	1314-13-2

Section 4: First-Aid Measures

Skin: Flush with copious amounts of water for at least 15 minutes, remove clothing and shoes. If irritation continues after flushing, seek medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. DO NOT use mouth-to-mouth respiration.

Eyes: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingertips. Seek medical attention.

Ingestion: If conscious and alert, rinse mouth and drink 2-4 cupfuls of water or milk. Seek medical attention. Do NOT induce vomiting.

Important Symptoms (acute or delayed) or Effects:

Slight to moderate eye irritation. May cause skin irritation. May cause irritation of mucus membranes and the upper respiratory tract causing coughing and sneezing.

Prolonged and repeated exposure to skin may cause irritation or dermatitis.

Section 5: Fire-Fighting Measures

This product is not flammable, combustible, or explosive. May emit toxic fumes at temperatures greater than 2800°C. The formulation may be exposed to water, carbon dioxide, dry chemical, and foam-extinguishing agents as necessary during fire-fighting operations. Full protective gear and a NIOSH approved self-contained breathing apparatus (SCBA) should be used to protect eyes, skin, and lungs from exposure during firefighting operations around zinc oxide. During a fire, irritating and highly toxic gases, such as zinc oxide fume, may be generated by thermal decomposition or combustion.

Section 6: Accidental Release Measures

Personal Precautions: Avoid generating dusty conditions and provide adequate ventilation.

Emergency Procedures: Clean up spills immediately, using appropriate protective equipment.

Cleanup Procedures: Vacuum, sweep up, or absorb material and place into a suitable disposal container.

Section 7: Handling and Storage

Precautions for safe handling:

Use dust control and protection in handling and storage.

Recommendations for safe storage:

Store in a closed container in a cool, dry place to avoid slow reactions with carbon dioxide and moisture in air. Avoid storage near magnesium, rubber, and strong oxidizers.

Incompatibilities:

Lithium at 200°C, chlorinated rubber, linseed oil, magnesium, aluminum + hexachloroethane, zinc chloride or strong oxidizing agents; react violently with phosphorus pentachloride, chlorine trichloride, or bromine pentafluoride.

Section 8: Exposure Controls/Personal Protection

Material:	OSHA PEL:	ACGIH TLV:
Magnesium Oxide	15 mg/m ³	10 mg/m ³
Zinc Oxide	15 mg/m ³	10 mg/m ³
Aluminum Oxide	15 mg/m ³	10 mg/m ³
Soda Ash	Not established	Not established

Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Respiratory Protection: Use NIOSH approved respirators when necessary

Skin Protection: Wear suitable protective gloves and clothing.

Eye Protection: Wear appropriate protective glasses or chemical safety goggles.

Other Protective Equipment: None.

Section 9: Physical and Chemical Properties

Color/Appearance: Off-white powder
Odor: Odorless
Odor Threshold: no data available
Boiling Point: no data available
Melting Point: no data available
Flash Point: no data available
Evaporation Rate: no data available
Upper/Lower Flammability: no data available
Flammability: Not flammable.
Vapor Pressure: no data available
Vapor Density: no data available
Relative Density: no data available
Solubility in water: no data available
pH: no data available
Partition coefficient: no data available
Auto-ignition Temperature: no data available
Decomposition Temperature: no data available
Viscosity: no data available

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal temperature and pressure.

Other:

- Hazardous Polymerization: None.
- Incompatibility: Lithium at 200°C, chlorinated rubber, linseed oil, magnesium, aluminum + hexachloroethane, zinc chloride or strong oxidizing agents, react violently with phosphorus pentachloride, chlorine trichloride, or bromine pentafluoride.
- Decomposition Products: Toxic gases such as metal fumes may be released in a fire.

Section 11: Toxicological Information

Likely Routes of Exposure: Eye and skin contact, inhalation, ingestion.

Effects:

- Acute Health Hazards: May cause irritation of the skin and eyes. Inhalation of dust may cause irritation of mucus membranes and the upper respiratory tract causing coughing and sneezing.
- Chronic Health Hazards: Prolonged and repeated exposure to skin may cause irritation or dermatitis.

Measures of Toxicity:

Soda Ash

- Acute Oral: LD₅₀ 4090 mg/kg
- Acute Inhalation: LC₅₀ 2300 mg/m³ for 2 hours

MgO

- Acute Oral: LD₅₀ > 5 g/kg
- Acute Dermal Irritation: EPA Category IV, non-irritating
- Acute Eye Irritation: EPA Toxicity Category III, slightly irritating
- Skin Sensitizer: Non-sensitizer
- Acute Inhalation: EPA Category IV, non-toxic

ZnO

- Acute Oral: LD₅₀ > 2 g/kg
- Acute Dermal: LD₅₀ > 5 g/kg
- Acute Dermal Irritation: PII = 0, non-irritating
- Acute Eye Irritation: Moderately irritating
- Skin Sensitizer: Non-sensitizer

Al₂O₃

- Acute Oral: LD₅₀ > 2 g/kg
- Acute Dermal Toxicity: LD₅₀ > 5 g/kg
- Acute Dermal Irritation: PII = 0, "Non-irritating"
- Skin Sensitation: Non-sensitizer
- Acute Eye Irritation: Practically non-irritating

Symptoms:

- Eye Contact: May cause slight to moderate eye irritation.
- Skin Contact: May cause irritation.
- Inhalation: May cause upper respiratory tract irritation.
- Ingestion: May cause gastrointestinal irritation with nausea, vomiting, and diarrhea.

Carcinogen Status:

- **OSHA:** No
- **NTP:** No
- **IARC:** No

Section 12: Ecological Information

None available.

Section 13: Disposal Considerations

Disposal should be in accordance with applicable local, state, and federal regulations.

Section 14: Transport Information

(49 CFR 172.101-2): Not listed.

Section 15: Regulatory Information

TSCA: All components are listed in the TSCA inventory.

SARA (Title 313): No reporting requirements

CERCLA RQ: None.

Section 16: Other Information

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200(g).

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