1. IDENTIFICATION

Product Identifier

Product Name

ScaleBreak-SS

Other means of identification

SDS #

GOOD-001-CA

Synonyms

None

Recommended use of the chemical and restrictions on use

Recommended Use

Descaler

Uses Advised Against

No information available

Details of the supplier of the safety data sheet

Initial Supplier Identifier

THIS SAFETY DATA SHEET IS NOT COMPLIANT UNLESS CANADIAN ADDRESS IS USED

Manufacturer Address

Goodway Technologies Corp.

420 West Ave.

Stamford, CT 06902

Phone: 1-800-333-7467

www.goodway.com

Emergency Telephone Number

Initial supplier phone number

Please enter Initial Suppliers Phone Number here

Emergency Telephone (24 hr)

Chemtrec 1-800-424-9300 (North America)

2. HAZARDS IDENTIFICATION

Appearance

Clear, colorless liquid

Physical state

Liquid

Odour

Mild

Classification

Skin corrosion/irritation

Category 2

Serious eye damage/eye irritation

Category 1

Specific target organ toxicity (STOT) — single exposure

Category 3

Label Elements

Signal word

Danger

Hazard statements

Causes skin irritation

Causes serious eye damage

May cause respiratory irritation
Precautionary Statements - Prevention
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapours/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing immediately call a poison centre or doctor/physician
IF ON SKIN: Wash with plenty of water and soap
Take off contaminated clothing and wash it before reuse
If skin irritation occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTRE/doctor/physician if you feel unwell

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**
Not applicable.

**Mixture**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
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<tbody>
<tr>
<td>Poly (oxy-1,2-ethanediyl), alpha- (nonylphenyl)-omega-, hydroxy-, branched, phosphates, sodium salts</td>
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<td>Benzotriazole</td>
<td>95-14-7</td>
<td>0.5</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

### 4. FIRST AID MEASURES

**First Aid Measures**

**General advice**
Provide this SDS to medical personnel for treatment.

**Eye contact**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain immediate medical attention, preferably from an ophthalmologist.

**Skin contact**
IF ON SKIN: Wash with plenty of water and soap. Remove contaminated clothing, wash thoroughly before reuse. If irritation occurs: Get medical advice/attention.
Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Loosen tight clothing such as collar, tie, belt, or waistband. If symptoms persist, seek medical attention.

Ingestion
Rinse mouth thoroughly with water. Remove dentures, if any. Do not induce vomiting without medical advice. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor breathing. Never give anything by mouth to a person who is unconscious or convulsing. Do not leave victim unattended. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms
EYES: Causes severe eye irritation and serious eye damage. Symptoms may include inflammation, pain, blurred vision, tearing and burns. May cause chemical conjunctivitis. May cause vision impairment and permanent eye damage.
SKIN: Causes skin irritation. Symptoms may include localized redness, itching and discomfort. Prolonged and repeated contact with unprotected skin may cause drying and cracking of the skin and dermatitis.
INHALATION: Mist or vapor may cause irritation of the nose, throat and respiratory tract. Symptoms may include sore throat, runny nose, cough and shortness of breath.
INGESTION: Causes irritation of the gastrointestinal tract with abdominal pain, nausea, vomiting and diarrhea. May be harmful if swallowed.
CHRONIC: Persons with pre-existing disorders of the skin or impaired respiratory function may be more susceptible to the effects of this substance. Prolonged and repeated skin contact can result in defatting of the skin and dermatitis.

Indication of any immediate medical attention and special treatment needed

Note to doctors
Treat symptomatically and supportively. Treatment of exposure should be directed at the control of symptoms and the clinical condition.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
Closed containers may explode due to buildup of pressure when exposed to extreme heat.

Hazardous Combustion Products
Smoke, fumes or vapors, and oxides of carbon.

Explosion Data
Sensitivity to Mechanical Impact
Not expected.
Sensitivity to Static Discharge
Not expected.

Special protective equipment for fire-fighters
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Evacuate unnecessary personnel. Wear protective clothing as described in Section 8 of this safety data sheet. Ventilate affected area. Remove all sources of ignition. No smoking in spill area. Product may cause a slip hazard.
For emergency responders

Follow all firefighting procedures in Section 5. Use personal protection recommended in Section 8.

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment

Approach release from upwind. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Prevent from entering drains, sewers, streams or other bodies of water. If runoff occurs, notify authorities as required.

Methods for cleaning up

Collect with absorbent, non-combustible material in to suitable containers. Clean surface thoroughly to remove residual contamination. Should not be released into the environment.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Do not transfer contents to bottles or other unlabeled containers. Protect container from physical damage. Keep containers closed when not in use and upright to prevent leakage. Empty containers retain product residues. Follow SDS precautions in handling empty containers. Use appropriate containment to avoid environmental contamination. Do NOT take internally. Keep out of the reach of children.

Incompatible materials

Strong oxidising agents Strong acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

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

Appropriate engineering controls

Engineering controls

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Local exhaust ventilation recommended. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/face protection

Chemical resistant splash goggles.
Skin and body protection
Oil/solvent resistant gloves. Protective clothing as required by workplace standards.

Respiratory protection
Ensure adequate ventilation, especially in confined areas.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
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</thead>
<tbody>
<tr>
<td>Physical state</td>
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<td>Appearance</td>
<td>Clear, colorless liquid</td>
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<table>
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<td>Dynamic Viscosity</td>
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</table>

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under normal conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerisation
Hazardous polymerisation does not occur.

Conditions to Avoid
Keep out of reach of children.
Incompatible Materials  Strong oxidising agents. Strong acids.


11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye contact  Causes serious eye damage.

Skin contact  Causes skin irritation.

Inhalation  May cause respiratory irritation.

Ingestion  Do not ingest.

Information on physical, chemical and toxicological effects

Symptoms  Please see section 4 of this SDS for symptoms.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document  Not available.

Unknown acute toxicity  No information available

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
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<tbody>
<tr>
<td>Sulfonic acids 68439-57-6</td>
<td>2220 mg/kg (Rat)</td>
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<tr>
<td>Benzotriazole 95-14-7</td>
<td>560 mg/kg (Rat)</td>
<td>&gt; 10000 mg/kg (Rabbit) &gt; 1 g/kg (Rat)</td>
<td>1910 mg/m³ (Rat) 3 h</td>
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</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity  Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity  An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence/Degradability  The organic components of this product are readily biodegradable; however, the inorganic components are not biodegradable.

Bioaccumulation  No information available.

Other Adverse Effects  No information available.
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging
Do not reuse empty containers.

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

DOT
Not regulated

TDG
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

REGULATORY INFORMATION

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

<table>
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<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
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<td>Poly (oxy-1,2-ethanediyl), alpha. -(nonylphenyl)-, omega. -hydroxy-, branched, phosphates, sodium salts</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Sulfonic acids</td>
<td>X</td>
<td>X</td>
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<td>X</td>
<td>X</td>
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<td>Benzo triazole</td>
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<td>X</td>
<td>X</td>
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<td>X</td>
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</tbody>
</table>

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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<tbody>
<tr>
<td></td>
<td>Health Hazards</td>
<td>Flammability</td>
<td>Physical hazards</td>
<td>Personal Protection</td>
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</table>

**Legend**
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **TWA** (time-weighted average)
- **STEL** (Short Term Exposure Limit)
- **Ceiling**
- **Skin designation**

**Issue Date:** 17-Jan-2018

**Revision Date:** 19-Jun-2018

**Revision Note:** No information available.

**Disclaimer**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**