SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product name
Sealmaster

Product Codes
68722, 68724

Chemical Family
Inorganic

Use
Boiler Water Treatment

Manufacturer’s Name
RectorSeal LLC
2601 Spenwick Drive
Houston, Texas 77055 USA

Date of validation
May 12, 2020

Date of Preparation
May 12, 2020

EMERGENCY OVERVIEW

OSHA Physical Hazards
Specific target organ toxicity - Not Classified

GHS CLASSIFICATION

Acute toxicity, Oral, Category 4
Dermal: Not Classified
Inhalation: Not Classified
Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Eye Irritation: Category 2A
Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: Not Classified
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified
Aspiration Toxicity: Not Classified

HMIS Codes

Health 1
Flammability 0
Reactivity 0
PPI B

Emergency Telephone No.
Chemtrec 24 Hours
(800) 424-9300 USA
(703) 527-3887 International

Technical Service Telephone No.
(800) 231-3345 or (713) 263-8001
GHS Label elements, including precautionary statements

Signal Word: Warning
GHS07: Exclamation Mark

Hazard Statements:
- H302 - Harmful if swallowed.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation

Precautionary Statements:
Prevention
- P102 - Keep out of reach of children.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response
- P301 - IF SWALLOWED: Call a poison center/doctor if you feel unwell.
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
- P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P330 - Rinse mouth.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P337 - If eye irritation persists: Get medical advice/attention.
- P362 - Take off contaminated clothing and wash before reuse.

Storage
There are no precautionary storage phrases assigned.

Disposal
- P501 - Dispose of contents/container to an approved waste disposal plant.

SUMMARY OF ACUTE HAZARDS

Repeated inhalation may cause respiratory irritation. Avoid inhaling powder.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION
Dust may cause irritation to lungs and respiratory tract. Avoid inhaling powder.

EYE CONTACT
Contact may cause eye irritation.

SKIN CONTACT
None know.

INGESTION
May cause irritation of the digestive tract.

SUMMARY OF CHRONIC HAZARDS
None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Individuals with pre-existing or chronic diseases of the eyes and respiratory system may have increased susceptibility to excessive exposure.
SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredient:** Sodium Silicate  
Percentage by weight: 10  
CAS#: 1344-09-8  
EINEC#: 215-687-4

**Ingredient:** Bentonite  
Percentage by weight: 25  
CAS#: 1302-78-9  
EINEC#: 215-108-5

**Ingredient:** Wollastonite  
Percentage by weight: 16  
CAS#: 13983-17-0  
EINEC#: 237-772-5

**Ingredient:** Gum Rosin  
Percentage by weight: 6  
CAS#: 8050-09-7  
EINEC#: 232-475-7

**Ingredient:** Water  
Percentage by weight: 19  
CAS#: 7732-18-5  
EINEC#: 231-791-2

SECTION 4 - FIRST AID MEASURES

**If INHALED**  
N/A

**If on SKIN**  
Wash thoroughly with soap and water. Wash clothing before reuse.

**If in EYES**  
IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue.

**If SWALLOWED**  
If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA
Non-combustible. Use agents appropriate for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES:
Wear self-contained breathing apparatus (SCBA) and other protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None known.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Use absorbent to prevent footing hazard. Wash down area with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Keep container closed and upright when not in use. Keep container properly labeled.

OTHER PRECAUTIONS:
Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain product residues; treat as if full and observe all product precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.
VENTILATION - LOCAL EXHAUST: N/A
SPECIAL: N/A
MECHANICAL (GENERAL): N/A
OTHER: N/A

PROTECTIVE GLOVES: Natural rubber or neoprene.
EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent),
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.
WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Boiling Point: N/D
- Specific Gravity (H₂O = 1): 1.42
- Vapor Pressure (mm Hg): N/D
- Melting Point: N/D
- Vapor Density (Air = 1): 1
- Evaporation Rate (Ethyl Acetate = 1): <1
- Appearance/Odor: White Liquid / Mild Odor
- Solubility In Water: Soluble
- Flash Point: None

VOLATILE ORGANIC COMPOUNDS (VOC)
- Content (Theoretical Percentage By Weight): 0% or (0 g/L)
- NFPA AEROSOL LEVEL: N/D
- LOWER EXPLOSION LIMIT: N/D
- UPPER EXPLOSION LIMIT: N/D

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None known.
Incompatibility (Materials to Avoid): None known.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS
- No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Toxicology Data

Ingredient Name

Sodium Silicate
- Oral-Rat adult LD50: 1153 mg/kg
- Inhalation-Rat LC50: N/D

Calcium Magnesium Silicate
- Oral-Rat, adult LD50: 200 mg/kg
- Inhalation-Rat TCLo: N/D
### SECTION 12 - ECOCOLOGICAL INFORMATION

#### Ecological Data

**Ingredient Name**

<table>
<thead>
<tr>
<th>Sodium Silicate</th>
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</thead>
<tbody>
<tr>
<td>Food Chain Concentration Potential</td>
<td>N/D</td>
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<tr>
<td>WATERFOWL TOXICITY</td>
<td>N/D</td>
</tr>
<tr>
<td>BOD</td>
<td>N/D</td>
</tr>
<tr>
<td>AQUATIC TOXICITY</td>
<td>N/D</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Calcium Magnesium Silicate</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Chain Concentration Potential</td>
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</tr>
<tr>
<td>AQUATIC TOXICITY</td>
<td>N/D</td>
</tr>
</tbody>
</table>

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste Classification:** Non-regulated solid waste  
**Disposal Method:** Approved landfill  
Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

### SECTION 14 - TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
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</thead>
<tbody>
<tr>
<td>OCEAN (IMDG)</td>
<td>Non-Regulated</td>
</tr>
<tr>
<td>AIR (IATA)</td>
<td>Non-Regulated</td>
</tr>
<tr>
<td>WHMIS (CANADA)</td>
<td>Non-Regulated</td>
</tr>
</tbody>
</table>
### Section 15 - Regulatory Information

**Regulatory Data**

**Ingredient Name**

- **Sodium Phosphate**
  - SARA 313: N/A
  - TSCA Inventory: Yes
  - CERCLA RQ: N/A
  - RCRA Code: N/A

- **Calcium Magnesium Silicate**
  - SARA 313: N/A
  - TSCA Inventory: Yes
  - CERCLA RQ: N/A
  - RCRA Code: N/A

### Section 16 - Other Information

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001