SAFETY DATA SHEET

1. Identification

Product Identifier: Stone Guard WB
Other means of identification:
- Product code: CU-2440

Recommended use:
- Stone & grout impregnator/sealer.

Recommended restrictions:
- Professional use only.

Manufacturer information:
- Company name: Chemical Universe, Inc.
- Address: 1133 Saline St.
  North Kansas City, MO 64116
- Telephone: (816) 471-3602
- FAX: (816) 474-3302
- Emergency phone number:
  - PERS: (800) 633-8253
  - 24 hour Emergency: (800) 633-8253

2. Hazard(s) Identification

Physical hazards:
- Not classified

Health hazards:
- Specific Target Organ Toxicity – Repeated Exposure
  - Category 2

Environmental hazards:
- Not Classified

OSHA defined hazards:
- Not Classified

Label elements:
- Signal word: Warning
- Hazard statement(s): May cause damage to liver or respiratory tract through prolonged or repeated exposure.
- Precautionary statement:
  - Prevention: Do not breathe dust/fume/gas/mist/vapors/spray.
  - Response: Get medical advice/attention if you feel unwell.
  - Storage: None
  - Disposal: Dispose of contents/containers in accordance with local/regional/national/international/regulations.

Hazard(s) not otherwise classified (HNOC):
- None known.

Supplemental information:
- None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partially fluorinated alcohol, reaction products with phosphorous oxide, ammonium salts</td>
<td>None</td>
<td>0.5-1.5</td>
</tr>
</tbody>
</table>

*Other components below reportable levels 90-100

4. First-aid measures

Inhalation:
- Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact
Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact
Rinse with water. Get medical attention if irritation develops and persists

Ingestion
Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed
Dermatitis. Rash. May cause an allergic skin reaction.

Indication of immediate medical attention and special treatment needed
Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Move containers from fire area if you can do so without risk.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
This product is miscible in water.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions
Avoid discharge into areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling
Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities
Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits
None established.

Biological limit values
None established.

Appropriate engineering controls
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. It is recommended that users of this product perform a risk assessment to determine the appropriate personal protective equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection
Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection
Hand protection
Wear appropriate chemical resistant gloves.

Other
Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance
Physical State
Clear to cloudy liquid.

Color
Light amber.

Odor
Characteristic.

Odor threshold
Not available.

pH
7-8

Melting/freezing point
Not available.

Initial boiling point and boiling range
100°C (212°F)

Flash point
None

Evaporation rate
Not available.

Flammability
Not available.

Flammability Limits
Upper
Not available.

Lower
Not available.

Vapor pressure
Not available.

Vapor density
Not available.

Specific gravity
1.01 estimated.

Solubility in water
Soluble.

Partition coefficient
Not available.
(n-octanol/water)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt;200°C (392°F)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

- **Reactivity**: This product is stable and non-reactive under normal conditions of use.
- **Chemical stability**: Material is stable under normal conditions. Store in a cool dark place.
- **Possibility of hazardous reactions**: Hazardous polymerization does not occur.
- **Conditions to avoid**: To avoid thermal decomposition, do not overheat.
- **Incompatible materials**: None known.
- **Hazardous decomposition products**: Incompletely burned carbon products, hydrogen fluoride, carbon monoxide, carbon dioxide.

11. Toxicological information

**Information on likely routes of exposure**

- **Ingestion**: Expected to be a low ingestion hazard.
- **Inhalation**: Prolonged inhalation may be harmful.
- **Skin contact**: Expected to be a low skin contact hazard.
- **Eye contact**: Direct contact with eyes may cause temporary irritation.
- **Symptoms related to the physical, chemical and toxicological characteristics**: Dermatitis. Rash.

**Acute toxicity**: Not classified.

<table>
<thead>
<tr>
<th>Product</th>
<th>Route and Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone Guard WB (CAS mixture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td>LD50, Dermal, rat</td>
<td>&gt;5,000 mg/kg estimated</td>
</tr>
<tr>
<td></td>
<td>LD50, Oral, rat</td>
<td>&gt;5,000 mg/kg estimated</td>
</tr>
</tbody>
</table>

*Estimates for product may be based on additional component data not shown

- **Skin corrosion/irritation**: Not classified.
- **Serious eye damage/irritation**: Not classified.
- **Respiratory sensitization**: Not classified.
- **Skin sensitization**: Not classified.
- **Germ cell mutagenicity**: This product is not expected to cause mutagenic or genotoxic effects.
- **Carcinogenicity**: This product is not considered to be a carcinogen.


- **Not Listed.**
- **Reproductive toxicity**: This product is not expected to cause reproductive or developmental effects.
- **Specific target organ toxicity – single exposure**: Not classified.
- **Specific target organ toxicity – repeated exposure**: Repeated exposure may cause damage to liver and/or respiratory tract.
- **Aspiration hazard**: Not available.
12. Ecological information

Ecotoxicity

This product is not classified as environmentally hazardous. However this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>EC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone Guard WB (CAS mixture)</td>
<td>Aquatic Crustacea</td>
<td>Daphnia magna 248.85 mg/L, 48 hr estimated</td>
</tr>
</tbody>
</table>

*Estimates for product may be based on additional component data not shown

Persistence and degradability
No data available on the degradability of this product.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Hazardous waste code
Dispose in accordance with all applicable regulations.

Waste from residues/unused product
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT
Not regulated as dangerous goods

15. Regulatory information

US federal regulations
- SARA 302 Extremely hazardous substance
  Not listed.
- SARA 304 Emergency release notification
  Not listed.
- SARA 311/312 Hazard Categories
  Immediate Hazard - Yes
  Delayed Hazard – No
  Fire Hazard – No
  Pressure Hazard – No
  Reactivity Hazard – No
- SARA 313 (TRI reporting)
16. Other information, including date of preparation or last revision

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Issue date</td>
<td>9/30/2014</td>
</tr>
<tr>
<td>Revision date</td>
<td>10/17/2014</td>
</tr>
<tr>
<td>Version #</td>
<td>1</td>
</tr>
<tr>
<td>HMIS® ratings</td>
<td>Health: 1, Flammability: 0, Physical hazard: 0</td>
</tr>
<tr>
<td>NFPA ratings</td>
<td>Health: 1, Flammability: 0, Instability: 0</td>
</tr>
<tr>
<td>Disclaimer</td>
<td>The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related 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 by the text.</td>
</tr>
<tr>
<td>Revision information</td>
<td>Toxicology information. Health hazard classification.</td>
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