1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aquanil Plus 100

Other Means of Identification: SDS #: F3320

Recommended Use: Concrete Sealing Compound
Restrictions on Use: No Data

Supplier of the Safety Data Sheet including Address:
ChemMasters Inc.
300 Edwards Street
Madison, OH 44057

Telephone Numbers
Company Phone Number Phone: 800-486-7866, 440-428-2105
Fax: 440-428-7091

Emergency Telephone: ChemTrec 800-424-9300 (United States & Canada), International Call: 1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview
OSHA Hazards
Causes skin irritation, Causes serious eye irritation, May cause respiratory irritation, May be harmful if swallowed.

Target Organs: Respiratory System

GHS Classification
Flammable Liquids Category 4
Acute Toxicity, Oral Category 5
Skin Corrosion/Irritation, Category 2
Eye Damage/Irritation, Category 2A
Specific target organ toxicity – single exposure Category 3 (Respiratory System)

Label Elements, including precautionary statements

Pictograms:

Signal Word: Warning

Hazard Statements:
H227 Combustible Liquid
H303 May be harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
Precautionary Statement(s)

Prevention:
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P303 If swallowed: Call a Poison Center/doctor if you feel unwell.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- P370+P378 In case of fire use, dry chemical, alcohol resistant foam, halon or carbon dioxide to extinguish.

Storage: P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store Locked Up

Disposal: P501 Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Ingredient</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-Octyltriethoxysilane, CAS# 2943-75-1 and Branched Octyltriethoxysilanes</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Eye Contact: IF IN 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 or attention.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER/doctor if you feel unwell. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth if conscious.

Skin Contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol-resistant foam, dry chemical, halon or carbon dioxide

Specific Hazards Arising from the Chemical
In a fire or if heated a pressure increase will occur and the container may burst.

Vapors are combustible and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger.

Hazardous Combustion Products: Carbon dioxides & Carbon monoxide

Protective Equipment and Precautions for Firefighters
Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information: Use water spray to cool unopened containers. See Section 7 for safe handling and storage

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Use personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

Methods and Material for Containment and Cleaning Up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands and skin thoroughly after handling. Use only outdoors or in a well ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for Safe Storage, Including any Incompatibilities
Keep container tightly closed in a dry, cool and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION

Exposure Guidelines:
Ethyl Alcohol is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within OSHA Guidelines: TWA 1000 ppm and ACGIH TLV: STEL 1000 ppm.

Appropriate Engineering Controls
Local Ventilation: Recommended
General Ventilation: Recommended
Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Clear</td>
</tr>
<tr>
<td>Color:</td>
<td>Clear to pale yellow</td>
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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Remarks – Method</th>
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</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Alcoholic Odor</td>
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<tr>
<td>Odor threshold:</td>
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</tr>
<tr>
<td>Vapor Pressure</td>
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<td></td>
</tr>
<tr>
<td>Vapor Density</td>
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<td></td>
</tr>
<tr>
<td>Relative Density</td>
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<td></td>
</tr>
<tr>
<td>pH:</td>
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<td></td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
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<td></td>
</tr>
<tr>
<td>Solubility</td>
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<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
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<td></td>
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<tr>
<td>Flash Point</td>
<td>65 Degrees C (149 Degree F)</td>
<td>PM (D93) Closed Cup</td>
</tr>
<tr>
<td>Flammability Limits</td>
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</tr>
<tr>
<td>Flammability (Solid, gas)</td>
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</tr>
<tr>
<td>Auto Ignition Temperature</td>
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<td></td>
</tr>
<tr>
<td>Initial Boiling Point/Boiling Range</td>
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<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
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<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.875 at 25 Degrees C</td>
<td>7.29 +/- 0.01 Lbs./gal.</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Moisture as material generates ethanol on contact with water or moisture. Avoid Heat, Flames and Sparks as material is combustible.

Incompatible Materials: Keep away from strong oxidizing agents, strong alkalis and strong acids.

Hazardous Decomposition Products
Hazardous decomposition products formed under fire conditions, Carbon and Silicon oxides.
11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Inhalation, Skin Contact, Eye Contact, Ingestion

**Symptoms of Exposure:**
Contact with the eye can cause redness, blurred vision and tearing. Prolonged or repeated contact with skin may cause defatting or dermatitis.
Inhalation may cause respiratory system irritation, headache, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure**
Repeated Exposure may cause skin dryness and cracking.

**Carcinogenicity:**
Product is not expected to be carcinogenic.

**Other Chronic Effects:**
Chronic over-exposure to this material may cause systemic toxicity, including adverse reactions to the following: liver, spleen, thymus, bladder, brain and nervous systems.

**Numerical Measures of Toxicity:** No Data Available

12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.

**Acute Toxicity: Vertebrates**

**Persistence and Degradability:** No data available.

**Bioaccumulation:** No Data Available

**Mobility:** No Data Available

**Other Adverse Effects:** No Data Available

13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes:** Under RCRA 40 CFR 261 this material is a hazardous waste. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated Packaging:** Dispose of as unused product.

14. TRANSPORT INFORMATION

**DOT**
Non-Bulk: Not a dangerous good
Bulk (>119 gallon container): NA1993, Combustible Liquid N.O.S. (N-Octyltriethoxysilane), Combustible Liquid, III

**IATA**
Not a dangerous good

**IMDG**
Not a dangerous good
Marine Pollutant: No
15. REGULATORY INFORMATION

**International Inventories**

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**US Federal Regulations**

SARA 302: None

SARA 311/312 Hazard Categories: Acute: Yes, Fire: No, Chronic: Yes

SARA 313 Hazard Categories:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Component Name</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CWA (Clean Water Act):** None known

**Supplemental State Compliance Information**

California: This product does not contain any known chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

States Right To Know:

N-Octyltriethoxysilanes, CAS# 2943-75-1: Pennsylvania, New Jersey

**U.S. EPA Label Information:** No Data

**Canada**

WHMIS Classification: Class D2B & B3 (Toxic & Flammable)

Symbol: Stylized T & Flammable

16. OTHER INFORMATION

**HMIS Classification:**

<table>
<thead>
<tr>
<th>Health hazard</th>
<th>Flammability</th>
<th>Physical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1*</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

**NFPA Rating:**

<table>
<thead>
<tr>
<th>Health hazard</th>
<th>Fire</th>
<th>Reactivity Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>0</td>
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</tbody>
</table>

**Issuance Date:** September 9, 2014

**Revision Date:** September 9, 2014

**Revision Note:** GHS Format

**Date of Previous Version:** March 31, 2009

**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 guide 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