

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:**..... Tom Shirley Safety Foam  
**PRODUCT TYPE:** ..... Acidic Liquid Cleaning Compound  
**PRODUCT NUMBER:**.....  
**CONTROL NUMBER:**.....  
**REVISION DATE:**.....7-29-19

**COMPANY:** ..... **Aqua ChemPacs, LLC.**  
515 Andrews Rd.  
Trevose, PA 19053  
215-396-7200

**EMERGENCY PHONE:** ..... 1-800-535-5053 (Infotrac)

## 2 – HAZARDS IDENTIFICATION

**CLASSIFICATION OF SUBSTANCE/MIXTURE:** .... Skin Corrosion (1A) Serious Eye Damage  
(1)

### SYMBOLS:



**SIGNAL WORD:**..... DANGER!

**HAZARD STATEMENT:** ..... Causes severe skin burns and eye damage. Causes serious eye damage.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** ..... Do not breathe mist/vapours/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection.

**RESPONSE:** ..... IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

**STORAGE:**..... Store locked up.

**DISPOSAL:** ..... Dispose of container and contents in accordance with local regulations.

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## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	CONCENTRATION
Water	7732-18-5	76-92
Sulfamic Acid	5329-14-6	2-6
Nonylphenol ethoxylates	9016-45-9	2-6
Oxalic Acid	144-62-7	2-6
Citric Acid	77-92-9	2-6
Hydrochloric Acid	7647-01-0	<1.0

## 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):**... If this product is inhaled, get immediate medical attention!

**SWALLOWING (INGESTION):**. DO NOT INDUCE VOMITING! Drink a large quantity of water, followed by either milk or a minimum of 2 teaspoons of milk of magnesia. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

**EYES:** ..... Flush eyes with a large quantity of fresh water for several minutes. GET IMMEDIATE EMERGENCY MEDICAL ATTENTION by an eye specialist if irritation persists.

**SKIN (DERMAL):** ..... Immediately flush from skin and clothing with large amounts of fresh water. Get medical attention if irritation persists. Rewash contaminated clothing before wearing.

## 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**..... This product is non-flammable.

**EXTINGUISHING MEDIA:** ..... Use extinguishing media suitable for materials already burning.

**SPECIAL FIRE FIGHTING PROCEDURES:** ..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA with a plastic hood window.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** ..... None known.

## 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:** ..... Wipe up with absorbent material.

**WASTE DISPOSAL:** ..... As recommended by local authorities.

## 7 – HANDLING and STORAGE

**STORAGE:** ..... Do not store in metal containers. Store at ambient temperatures. Keep from freezing. DO NOT TRANSFER TO UNMARKED CONTAINERS

**HANDLING:** ..... Keep away from children and pets! Store in original tightly closed container. Spilled material is slippery.

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## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT	C.A.S. NUMBER	PEL
Sulfamic Acid	5329-14-6	No limits established
Nonylphenol ethoxylates	9016-45-9	No limits established
Oxalic Acid	144-62-7	1mg/m3 PEL
Citric Acid	77-92-9	No limits established
Hydrochloric Acid	7647-01-0	5 ppm

**RESPIRATORY PROTECTION:** Not usually needed in well-ventilated area.

**PROTECTIVE CLOTHING:**..... Nitrile, vinyl or neoprene gloves. Splash goggles and suitable protective clothing.

**ADDITIONAL MEASURES:**.....Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke while handling product.

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:**..... Blue transparent liquid, cherry scented.

**ODOR THRESHOLD:** ..... N/A

**pH:**..... Less than 1.0

**MELTING POINT:** ..... N/A

**FREEZING POINT:** ..... N/A

**BOILING POINT:**..... 210 degrees F.

**BOILING POINT RANGE:** ..... N/A

**FLASHPOINT:**..... This product is non-flammable.

**EVAPORATION RATE:** ..... N/A

**FLAMMABILITY (solid/gas):** ... N/A

**EXPLOSION LIMITS:**..... N/A

**VAPOR PRESSURE:**..... N/A

**VAPOR DENSITY (AIR=1):** ..... N/A

**SPECIFIC GRAVITY:**..... Greater than 1.

**SOLUBILITY IN WATER:** ..... Completely soluble.

**PARTITION COEFFICIENT:** ..... N/A

**AUTO-IGNITION TEMPERATURE:**.....N/A

**DECOMPOSITION TEMPERATURE:** .....N/A

**VISCOSITY:** ..... Water thin

## 10 – STABILITY and REACTIVITY

**STABILITY:**..... Stable under normal conditions.

**HAZARDOUS DECOMP.:**..... This product not known to polymerize.

**INCOMPATIBILITY:**..... Ferrous metals, aluminum, zinc, magnesium and any other acid sensitive materials.

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## 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:**..... Inhalation, skin absorption, eye contact or ingestion.

**LISTED CARCINOGEN:** ..... None known.

**MEDICAL CONDITION AGGRAVATED:** .....None known.

**INHALATION:** ..... Inhalation of significant amounts of this product can cause damage to lungs resulting in edema. If victim shows signs of distress, remove to fresh air and get immediate medical attention.

**INGESTION:**..... This material can cause burns and serious damage to throat, esophagus and stomach.

**EYES:** ..... Can cause serious burns and/or blindness.

**SKIN (DERMAL):** ..... This product may cause burns or irritation if not removed from the skin.

**ACUTE TOXICITY\* (ORAL):**.....>2000 mg/kg

**ACUTE TOXICITY\* (DERMAL):**.....>2000 mg/kg

**ACUTE TOXICITY\* (INHALATION):** .....>20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)

## 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** N/A

## 13 –DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

## 14 – TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** .... Hydrochloric Acid Solution

**HAZARD CLASS:** ..... 8

**UN/NA NUMBER:** ..... UN 1789

**PACKAGING GROUP :** ..... II

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## 15 - REGULATIONS

<b>Notification status:</b>	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory
<b>Notification status:</b>	All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act
<b>California Prop. 65</b>	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any reproductive harm.

## 16 – OTHER INFORMATION

**NFPA HEALTH:** ..... 3  
**NFPA FLAMMABILITY:**..... 0  
**NFPA REACTIVITY:** ..... 0  
**NFPA OTHER:** ..... Acid

**ADDITIONAL:** ..... The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

**REVISION DATE:**..... 7-29-19