

1. Product and Company Identification

Product Code:	50-163	
Product Name:	Sani Quat II Sanitizer	
Trade Name:	Disinfectant/Sanitizer/Boot Wash	
Company Name:	Taylor Industries, LLC 308 Distribution Drive Madison, MS 39110	Phone Number: (601)856-8439
Web site address:	www.taylorindustriesllc.com	
Email address:	joamca@bellsouth.net	
Emergency Contact:	Chem Tel	(800)255-3924
Information:	Taylor Industries, LLC	(601)856-8439

2. Hazards Identification

Acute Toxicity: Oral, Category 4

Skin Corrosion/Irritation, Category 1B



GHS Signal Word: **Danger**

GHS Hazard Phrases: Harmful if swallowed.
Causes severe skin burns and eye damage.

GHS Precaution Phrases: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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 CENTER or doctor/physician.
Specific treatment see ... on this label.
Rinse mouth.
Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: Store locked up.
Dispose of contents/container to .licensed sanitary landfill...

OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Potential Health Effects (Acute and Chronic): Chronic: None. Hazards not otherwise classified (HNOC) or not covered by GHS.

Inhalation: May cause coughing, difficult breathing and nausea.

Skin Contact: Contact causes skin irritation.

Eye Contact: Contact may cause eye irritation.

Ingestion: Contact with liquid is corrosive and causes severe burns and ulceration.

Medical Conditions Generally Aggravated By Exposure: Dermatitis and sensitive skin conditions.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	<=90.0 %
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	<=10.0 %
68956-79-6	N-Alkyl dimethyl ethylbenzyl	<=10.0 %
64-17-5	Ethyl alcohol	<=1.5 %

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: No specific treatment is necessary, since this material is not likely to be hazardous. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: No specific treatment is necessary, since this material is not likely to be hazardous. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: No specific treatment is necessary, since this material is expected to be non-hazardous. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: Flush eye with water for 15 minutes. Get medical attention.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	NP	Method Used:	Estimate
Explosive Limits:	LEL:		UEL:
Autoignition Pt:	NP		
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.		
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Wear self contained breathing apparatus for fire fighting if necessary. Further information.		
Flammable Properties and Hazards:	Carbon oxides.		
Hazardous Combustion Products:	No data available.		

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment. Avoid breathing vapors, mist or gas. 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. WARNING: Do not allow liquid to evaporate and leave a powder layer on floor or equipment. Under friction this powder may ignite.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. 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 (see section 13).

7. Handling and Storage

Precautions To Be Taken in Handling:	No special handling procedures are required. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. LC50 Rainbow trout 1-10 mg/l.
Precautions To Be Taken in Storing:	No special storage requirements. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: -20 - -10 deg.C. Handle and store under inert gas.
Other Precautions:	Wash hands before eating. Wash clothing before reuse. Wash thoroughly after handling.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water			
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides			
68956-79-6	N-Alkyl dimethyl ethylbenzyl			
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	

Recommended Exposure Limits:	Not available.
Respiratory Equipment (Specify Type):	Respirator protection is not normally required. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye Protection:	Eye protection is not normally required. Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Protective Gloves:	Protective garments not normally required. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Other Protective Clothing:	Protective garments not normally required. Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Engineering Controls (Ventilation etc.):	There are no special ventilation requirements. Use adequate ventilation to keep airborne concentrations low.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environmental Exposure Controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear. characteristic odor.
pH:	<=9.0
Melting Point:	NA
Boiling Point:	100.00 C
Flash Pt:	NP Method Used: Estimate
Evaporation Rate:	~ Water
Flammability (solid, gas):	
Explosive Limits:	LEL: UEL:
Vapor Pressure (vs. Air or mm Hg):	NA
Vapor Density (vs. Air = 1):	NA
Specific Gravity (Water = 1):	~ 1.000
Density:	>=8.256
Solubility in Water:	Soluble
Saturated Vapor Concentration:	NA

Octanol/Water Partition

Coefficient:

Autoignition Pt: NP

Decomposition Temperature:

Viscosity: NA

10. Stability and Reactivity

Reactivity: Strong oxidizing agents.

Stability: Unstable [] Stable [X]

Conditions To Avoid - Heat, flames and sparks. Extremes of temperature and direct sunlight.

Instability:

Incompatibility - Materials To Avoid: None. Oxidizing agents, Alkali metals, Strong oxidizing agents, Ammonia, Peroxides.

Hazardous Decomposition or Byproducts: None. Other decomposition products: No data available. Clear Liquid with a mild odor.

Causes severe eye irritation. Harmful if swallowed. This product is not combustible.

Possibility of Hazardous Reactions: Will occur [X] Will not occur []

Reactions:

Conditions To Avoid - Product will not undergo polymerization.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: Germ cell mutagenicity. Reproductive toxicity. Aspiration hazard:

Irritation or Corrosion: Skin corrosion/irritation. No data available.
Serious eye damage/eye irritation:

Symptoms related to Toxicological Characteristics: Not reported.

Sensitization:

No data available.

Chronic Toxicological Effects: Specific target organ toxicity - single exposure: No data available.
Specific target organ toxicity - repeated exposure:

Carcinogenicity/Other Information: CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water				
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides				
68956-79-6	N-Alkyl dimethyl ethylbenzyl				
64-17-5	Ethyl alcohol		1	A4	

12. Ecological Information

General Ecological Information:	Not reported.
Results of PBT and vPvB assessment:	Not reported.
Persistence and Degradability:	Not reported.
Bioaccumulative Potential:	Not reported.
Mobility in Soil:	Not reported.
Other adverse effects:	Not reported.

13. Disposal Considerations

Waste Disposal Method:	<p>Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.</p> <p>RCRA P-Series: None listed.</p> <p>RCRA U-Series: None listed. Product.</p> <p>Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. If You are unsure how to properly dispose of waste, Contact a licensed professional waste disposal service to dispose of this material.</p> <p>Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.</p> <p>Contaminated packaging.</p>
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	No	No	No
68956-79-6	N-Alkyl dimethyl ethylbenzyl	No	No	No
64-17-5	Ethyl alcohol	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory
68956-79-6	N-Alkyl dimethyl ethylbenzyl	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory

64-17-5 Ethyl alcohol

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -
Inventory

Regulatory Information: Consult with immediate supervisor before using. Refer to local, state and Federal regulations as to the proper use, handling and disposal of this material.

Regulatory Information Statement:

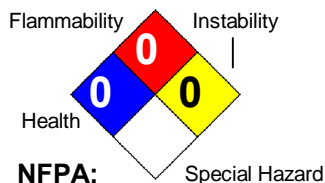
16. Other Information

Revision Date: 02/27/2020

Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:



NFPA:

Additional Information About This Product: If you are unsure how to properly use this product, read label first, consult with your immediate supervisor, check with safety supervisor next and refer to all local state and Federal regulatory bodies before using.

Company Policy or Disclaimer: