according to 29CFR1910/1200 and GHS Rev. 3

Initial preparation date: : 10.24.2014

TISAB II

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: TISAB II **Manufacturer/Supplier Article number**: TS3000SS

Recommended uses of the product and restrictions on use: Laboratory

Manufacturer Details:

AquaPhoenix Scientific, Inc. 860 Gitts Run Road Hanover, PA 17331 1-717-632-1291

Emergency telephone number:

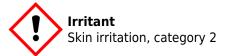
ChemTel: (24-hour)

+1(800)255-3924

+1(813)248-0585 (International)

SECTION 2: Hazards identification

Classification of the substance or mixture:



Signal word: Warning

Hazard statements:

None

Precautionary statements:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Other Non-GHS Classification: None

SECTION 3: Composition/information on ingredients

Ingredients:

Ingredients:				
CAS 64-19-7	Acetic Acid, ACS	5.985 %		
CAS 13291-61-7	CDTA, ACS Grade	0.4 %		
CAS 7647-14-5	Sodium Chloride, ACS	5.8 %		
CAS 1310-73-2	Sodium Hydroxide, ACS	3 %		
CAS 7732-18-5	Deionized Water	84.815 %		
	•	Percentages are by weight		

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SECTION 4: First aid measures Description of first aid measures

After inhalation: None
After skin contact: None
After eye contact: None
After swallowing: None

Most important symptoms and effects, both acute and delayed: None

Indication of any immediate medical attention and special treatment needed: None

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents: None Unsuitable extinguishing agents: None

Special hazards arising from the substance or mixture: None

Advice for firefighters:

Protective equipment: None

Additional information (precautions): None

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: None

Environmental precautions: None

Methods and material for containment and cleaning up: None

Reference to other sections: None
SECTION 7: Handling and storage
Precautions for safe handling: None

Conditions for safe storage, including any incompatibilities: None

SECTION 8: Exposure controls/personal protection

Control parameters: 64-19-7, Acetic Acid, ACGIH TLV: 25mg/m3, OSHA PEL: 25mg/m3.

1310-73-2, Sodium Hydroxide, , ACGIH TLV: C2mg/m3, OSHA PEL:

2mg/m3.

Appropriate engineering controls:NoneRespiratory protection:NoneProtection of skin:NoneEye protection:NoneGeneral hygienic measures:None

SECTION 9: Physical and chemical properties

Appearance (physical state, color):	Clear, colorless liquid	•	Not determined Not determined
Odor:	Vinegar-like	Vapor pressure at 20°C:	Not determined
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	5.3 - 5.5	Relative density:	Not determined
Melting/Freezing point:	Not determined	Solubilities:	None
Boiling point/Boiling range:	INIAT ABTORMINGA	Partition coefficient (noctanol/water):	Not determined

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Flash point (closed cup):	INIOT GETERMINEG	Auto/Self-ignition temperature:	Not determined	
Evaporation rate:	INIOT GETERMINEG	Decomposition temperature:	Not determined	
Flammability (solid, gaseous):	Not determined	VICCOCITY:	a. Kinematic: Not determined b. Dynamic: Not determined	
Density at 20°C:	Not determined			

SECTION 10: Stability and reactivity

Reactivity: None

Chemical stability: None

Possible hazardous reactions: None

Conditions to avoid: None **Incompatible materials:** None

Hazardous decomposition products: None

SECTION 11: Toxicological information

Acute Toxicity: No additional information. **Chronic Toxicity**: No additional information.

Skin corrosion/irritation: No additional information.

Serious eye damage/irritation: No additional information.

Respiratory or skin sensitization: No additional information.

Carcinogenicity: No additional information.

Germ cell mutagenicity: No additional information. **Reproductive Toxicity**: No additional information.

STOT-single and repeated exposure: No additional information.

Additional toxicological information:

No additional information.

SECTION 12: Ecological information

Ecotoxicity: No additional information.

Persistence and degradability: No additional information. **Bioaccumulative potential**: No additional information.

Mobility in soil: No additional information.

Other adverse effects: No additional information.

SECTION 13: Disposal considerations

Waste disposal recommendations:

None

SECTION 14: Transport information

US DOT

UN Number:

ADR, ADN, DOT, IMDG, IATA

Not regulated

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Limited Quantity Exception: None

Bulk: Non Bulk:

RQ (if applicable): None RQ (if applicable): None

Proper shipping Name: Not regulated. **Proper shipping Name:** Not regulated.

Hazard Class: None Hazard Class: None

Packing Group: Not regulated.

Marine Pollutant (if applicable): No

Marine Pollutant (if applicable): No

additional information.

Comments: None

additional information.

Comments: None

SECTION 15: Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings):

None of the ingredients are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

RCRA (hazardous waste code):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

None of the ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL) :

All ingredients are listed.

SECTION 16: Other information

This product has been classified in accordance within GHS guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or

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TISAB II

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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 1-0-0 **HMIS**: 0-0-0

GHS Full Text Phrases: None

Abbreviations and Acronyms: None