

# T-Clean Tiva Neutralizer Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830; US Federal Regulations 29 CFR 1910.1200(g)

Date of issue: 06/11/2020  
Version: 2.0


## Section 1 – Product Information

Product Name: T-Clean Tiva Neutralizer		Manufacturer	The Ruhof Corporation
Product Code: TN-1L/TN-4L	Information Phone: 1-800-537-8463		Address 393 Sagamore Avenue Mineola NY 11501
Product Use: Medical Instrument Cleaning	Emergency Contact: 1-800-424-9300 (Chemtrec)		

## Section 2 – Hazards Identification

GHS Classification: Eye Irritation Cat 2

### Section 2.1 Label Elements

Hazard Pictograms	Precautionary Statements
	<p><b>Hazard Statements:</b> H319-Causes serious eye irritation.</p> <p><b>Precautionary Statements:</b> P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention. Dispose only when container is empty and closed. For disposal of product residues, refer to Safety Data Sheet.</p>
<p>Signal Word: Warning</p>	

## Section 3 – Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
Citric Acid	77-92-9	25-50

## 4. FIRST AID MEASURES

<b>General Advice</b>	No specific measures required.
<b>Eye Contact</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>Skin Contact</b>	Rinse off with water. If symptoms persist, consult a doctor.
<b>Inhalation</b>	If irritation occurs move to fresh air. If symptoms persist, call a doctor.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising from the Chemical**  
**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases** None in particular.

**Explosion Data**  
**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** No further relevant information available.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**  
Use personal protective equipment.

**Methods and materials for containment and cleaning up**  
Soak up with inert absorbent material.

**Reference to other sections:** See Section 12 for additional

## 7. HANDLING AND STORAGE

**Handling** No special precautions are necessary if used correctly.

**Hygiene Measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

**Conditions for safe storage, including any incompatibilities** Keep out of the reach of children. Keep in properly labeled containers.

**Specific end use(s) Exposure Scenario** No information available. **Other Guidelines** No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Appropriate engineering controls**  
**Engineering Measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands after use.

**Recommended personal protective measures:**

Personal protective equipment should be worn in accordance with OSHA bloodborne pathogen guidelines when handling soiled instruments.

**Eye/Face Protection** Wear safety goggles or face shield if spraying can meet face.

**Skin and Body Protection** Lightweight protective clothing. Impervious gloves.


**Respiratory Protection** If irritation is experienced, NIOSH/MSHA approved respiratory protection can be worn.

**Hygiene Measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES					
<b>Physical State</b>	<b>Odor</b>	<b>Appearance</b>	<b>pH</b>	<b>Melting Point/Range</b>	<b>Boiling Point</b>
Liquid	Mild	Clear	Appr. 1.0	No data available	>100C
<b>Flash Point</b>	<b>Flammability Limits</b>	<b>Vapor Pressure</b>	<b>Specific Gravity</b>	<b>Water Solubility</b>	<b>Flammable Properties</b>
No data available	No data available	No data available	Not determined	Soluble	Not Flammable
10. STABILITY AND REACTIVITY					
<b>Reactivity</b>			No data available.		
<b>Chemical stability</b>			Stable under recommended storage conditions.		
<b>Possibility of hazardous reactions</b>			None under normal processing.		
<b>Hazardous Polymerization</b>			Hazardous polymerization does not occur.		
<b>Conditions to avoid</b>			Excessive heat and cold		
<b>Incompatible materials</b>			Alkalis		
<b>Hazardous decomposition products</b>			None known based on information supplied		
11. TOXICOLOGICAL INFORMATION					
<b>Inhalation</b>	Contains no ingredients above reportable quantities. Product is not expected to be irritating by inhalation.				
<b>Eye Contact</b>	May be irritating to eyes.				
<b>Skin Contact</b>	May cause irritation.				
<b>Ingestion</b>	There is no data available for this product.				
<b>Delayed and immediate effects and also chronic effects from short and long-term exposure</b>					
<b>Sensitization</b>	Contains no ingredients above reportable quantities. May cause sensitization of susceptible persons.				
<b>Carcinogenicity</b>	Contains no ingredients listed as a carcinogen.				
<b>Target Organ Effects</b>	Not Classified.				
12. ECOLOGICAL INFORMATION					
<b>Ecotoxicity</b>			The product is not expected to be hazardous to the environment.		
<b>Persistence and Degradability</b>			No information available.		
<b>Bioaccumulation</b>			The product does not contain any substances expected to be bioaccumulating.		
<b>Other Adverse Effects</b>			No information available.		
13. DISPOSAL CONSIDERATIONS					
<b>Waste Disposal Methods</b>			Dispose of in accordance with federal, state, and local regulations		
<b>Contaminated Packaging</b>			Do not re-use empty containers.		
14. TRANSPORT INFORMATION					
<b>DOT</b>			The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
15. REGULATORY INFORMATION					
<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>					
<p><b>EU Legislation:</b> The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 2015/830 of 20th May 2015 amending regulation (EC) No 1907/2006.</p> <p><b>US Federal Regulations:</b> 29 CFR 1910.1200(g)</p>					
16. OTHER INFORMATION					
		<p><b>Prepared By</b> The Ruhof Corporation 393 Sagamore Avenue Mineola, NY 11501</p>			
		<p><b>Document Control No.</b></p> <p><b>Revision Date</b></p> <p><b>Revision Note</b></p>	<p>SDS-T-Clean Tiva Neutralizer-TN</p> <p>11-June-2020</p> <p>Rev_01</p>		
<p><b>General Disclaimer</b></p> <p>The information provided on this SDS 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 as 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 material or in any process, unless specified in the text.</p>					
<p style="color: red;">End of Safety Data Sheet</p>					