

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071261833

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071261841

# 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	
Product Use: Medical Instrument Cleaning	Emergency Contact: 1-800-424-9300 (Chemtrec)	Address
		393 Sagamore Avenue Mineola NY 11501

## Section 2 - Hazards Identification

GHS Classification: Eye Irritation Cat 2

### Section 2.1 Label Elements

Hazard Pictograms	Precautionary Statements
	<p>Hazard Statements: H319-Causes serious eye irritation.</p> <p>Precautionary Statements: 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>
Signal Word: Warning	

## Section 3 - Composition/Information on Ingredients

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

## 4. FIRST AID MEASURES

General Advice	No specific measures required.
Eye Contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Skin Contact	Rinse off with water. If symptoms persist, consult a doctor.
Inhalation	If irritation occurs move to fresh air. If symptoms persist, call a doctor.
Ingestion	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

Physical State	Odor	Appearance	pH	Melting Point/Range	Boiling Point
Liquid	Mild	Clear	Appr. 1.0	No data available	>100C
Flash Point	Flammability Limits	Vapor Pressure	Specific Gravity	Water Solubility	Flammable Properties
No data available	No data available	No data available	Not determined	Soluble	Not Flammable

## 10. STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Excessive heat and cold
Incompatible materials	Alkalis
Hazardous decomposition products	None known based on information supplied

## 11. TOXICOLOGICAL INFORMATION

Inhalation	Contains no ingredients above reportable quantities. Product is not expected to be irritating by inhalation.
Eye Contact	May be irritating to eyes.
Skin Contact	May cause irritation.
Ingestion	There is no data available for this product.

### Delayed and immediate effects and also chronic effects from short and long-term exposure

Sensitization	Contains no ingredients above reportable quantities. May cause sensitization of susceptible persons.
Carcinogenicity	Contains no ingredients listed as a carcinogen.
Target Organ Effects	Not Classified.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	The product is not expected to be hazardous to the environment.
Persistence and Degradability	No information available.
Bioaccumulation	The product does not contain any substances expected to be bioaccumulating.
Other Adverse Effects	No information available.

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of in accordance with federal, state, and local regulations
Contaminated Packaging	Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

DOT	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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## 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU Legislation:** 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.

**US Federal Regulations:** 29 CFR 1910.1200(g)

## 16. OTHER INFORMATION



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**Document Control No.** SDS-T-Clean Tiva Neutralizer-TN  
**Revision Date** 11-June-2020  
**Revision Note** Rev\_01

### General Disclaimer

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.

**End of Safety Data Sheet**