T-Clean Chamber Shine 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: 06/01/2020
Version: 1.0

Section 1 – Product Information

Product Name: T-Clean Chamber Shine		Supplier	The Ruhof Corporation
Product Code: SH0006	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 Skin Corrosion Cat 1, Eye Damage Cat 1

Section 2.1 Label Elements

Hazard Pictograms



Signal Word: Danger

Hazard Statements:
H290 - May be corrosive to metals.
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage.

Precautionary Statements:
P501 - Dispose of contents/ container to an approved waste disposal plant.

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
Phosphoric Acid	7664-38-2	<5

4. FIRST AID MEASURES

General Advice	Do not get in eyes, on skin, or on clothing.
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

Exposure Limits

Chemical Name	EU	The United Kingdom
Phosphoric acid 7664-38-2	TWA 1 mg/m^3 STEL 2 mg/m^3	STEL: 2 mg/m^3 TWA: 1 mg/m^3

Appropriate engineering controls

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

Exposure controls
These measures are suggested based on typical use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work. **Eye protection:** Wear eye protection appropriate to the process according to BS EN 166. **Hand protection:** Wear pvc or latex gloves. Exact choice of glove depends on specific risk assessments. **Body protection:** As necessary to prevent contact. **Respiratory protection:** Use in a well-ventilated area, avoid breathing spray mist, wear a protective mask according to EN149, if necessary.
Other protection: Personal protective equipment: Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Odor	Appearance	pH	Melting Point/Range	Boiling Point
Liquid	Mild	Purple	>1.5	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	1.2	Soluble	Not Flammable

10. STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Alkalis
Hazardous decomposition products	Hydrogen, Phosphorous oxides.

11. TOXICOLOGICAL INFORMATION

Inhalation Based on available data, the classification criteria are not met.
Eye Contact May cause irritation.
Skin Contact May cause irritation and/or may cause burns.
Ingestion There is no data available for this product.

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

Carcinogenicity Contains no ingredients above reportable quantities listed as a carcinogen.
Chronic Toxicity Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons.
Target Organ Effects Respiratory system. Eyes. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Phosphoric acid (7664-38-2) LC50 fishes 1 3-3.5 mg/l (Exposure time: 96h – Species: Gambusia affinis) EC50 Daphnia 1 4.6 mg/l (Exposure time: 12h – Species: Daphnia magna)
Persistence and Degradability	No information available.
Bioaccumulation	Not established.
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).

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

Full text of H-phrase, Sections 2 H-290 May be corrosive to metals; H302 Harmful if swallowed; H-314 Causes severe skin burns and eye damage.

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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