


Safety Data Sheet

Section 1 - Product Information			
Product Name: Pro-Con SYSTEMS Turquoise 3		Supplier:	Intercon Chemical Company
Product Code Number: TUR3	Information Phone: 1-314-771-6600		Address: 1100 Central Industrial Drive St. Louis, MO 63110
Product use: Hospital grade disinfectant	Emergency Contact: CHEMTREC 1-800-424-9300		
Section 2 - Hazard Identification			
GHS Classification: Skin Corrosion/Irritation (Category 1), Serious Eye Damage/Eye Irritation (Category 1), Hazardous To The Aquatic Environment-Acute Hazard (Category 1), Hazardous To The Aquatic Environment-Long Term Hazard (Category 2), Acute Toxicity-Inhalation (Category 2), Acute Toxicity-Oral (Category 4)			
Section 2.1 - Label Elements			
Hazard Pictograms		Precautionary Statements:	
		P260: Do not breathe dust/fume/gas/mist/vapors/spray. P264+P265: Wash hands thoroughly after handling. Do not touch eyes. P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P284: [In case of inadequate ventilation] Wear respiratory protection. P301+P330+P331+P317: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get emergency medical help. P302+P361+P354: IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P316: Get emergency medical help immediately. P320: Specific treatment is urgent (see section 4 on SDS). P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P317: Get emergency medical help. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up. P391: Collect spillage. P501: Dispose of contents/container in accordance with local/regional/national/ international regulations.	
Signal Word: Danger			
Hazard Statements:			
H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H330: Fatal if inhaled. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.			
Section 3 - Composition			
Chemical Name	CAS #	Percent w/w	
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-85-1	5.5	
Ethanol	64-17-5	> 1	
Section 4 - First Aid Measures			
IF ON SKIN(or hair): Remove immediately all contaminated clothing. Flush with flowing water for at least 15 minutes or until slippery feeling disappears. Get medical attention for any burns that may occur. Wash contaminated clothing before reuse.			
IF IN EYES: Immediately flush with water for at least 15 minutes. Remove contacts if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.			
IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. Call a physician or poison control center immediately.			
IF INHALED: Product can be fatal if mists are inhaled. Remove person to fresh air and keep at rest position comfortable for breathing. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve. Call a POISON CENTER or doctor/physician if you feel unwell.			
Section 5 - Fire and Explosion Hazard Data			
Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures:
> 200°F	LEL: NE	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved. Do not use water jet as an extinguisher, as this will spread the fire.	Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.
	UEL: NE		

Section 6 - Accidental Release Measures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

Section 7 - Handling and Storage

Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Handle and open container with care. Do not eat, drink or smoke when using this product. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Store locked up. Store upright in original closed container. Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in a well-ventilated place. Don a respirator if adequate room ventilation is not available.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	Not Listed	Not Listed	Respiratory:	not normally required	Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
			Eye:	safety glasses, face shield	
			Skin:	Apron, acid proof gloves	
Ethanol	1000 ppm	1000 ppm	Ventilation	Normal room ventilation	

Section 9 - Physical and Chemical Properties

Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
Green Liquid	Citrus	NE	5.3 - 6.5	NE	212°F	>1(water =1)	NA	NA	17mm Hg
Vapor Density	Density	Specific Gravity	pH (use dil)	Solubility	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
0.62(air =1)	8.317	1.001	NA	100% in water	NE	NA	Thin	NE	

Section 10 - Stability and Reactivity

Product is stable, hazardous polymerization will not occur. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Incompatible with strong oxidizing agents. If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide, Nitrous Oxides.

Section 11- Toxicological Information

Ingredient	Acute Toxicity (Oral LD50) Rat	Acute Toxicity (Derm. LD50) Rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -Single Exposure	STOST Repeated Exposure
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	344 mg/kg	> 2,000 mg/kg	corrosive	not listed	not listed	no info	no information	no info
Ethanol	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

Section 12 - Ecological Information

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Biodegradability data is not available. Bioaccumulative data is not available.

Section 13 - Disposal Considerations

Products covered by this SDS, in their original form, are considered corrosive waste(D002) according to RCRA (40 CFR 261). Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

UN Number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN1903	Disinfectant, liquid, corrosive, n.o.s. (contains quaternary ammonia compounds)	8	III	< 5 Liter
UN Number	Basic Description(IATA)	Class	Packing Group	LTD QTY
UN1903	Disinfectant, liquid, corrosive, n.o.s. (contains quaternary ammonia compounds)	8	III	< 1 Liter
UN Number	Basic Description(IMDG)	Class	Packing Group	LTD QTY
UN1903	Disinfectant, liquid, corrosive, n.o.s. (contains quaternary ammonia compounds)	8	III	< 5 Liter

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

CERCLA: Does not contain reportable chemicals. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68



Warning: This product can expose you to 1,4-dioxane (CAS # 123-91-1), Acetaldehyde (CAS # 75-07-0), Ethylene Glycol (CAS # 107-21-1), and Methanol (CAS # 67-56-1) which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

Section 16 - Other Information

		HMIS: Health - 3	Flam. - 0	R - 0	PPE- D
Date Prepared: 8 May 2024		Prepared by: Environmental, Health and Safety Administrator.			

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered 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 materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established