


# Safety Data Sheet

Section 1 - Product Information					
Product Name: Pro-Con SYSTEMS emerald 3				Supplier:	Intercon Chemical Company
Product Code Number: EMR3		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 in accordance with OSHA 29 CFR 1910: Eye Corrosive Category 1, Skin irritant Category 2					
Section 2.1 - Label Elements					
Hazard Pictograms 		Precautionary Statements: Wear protective gloves and eye protection. Wash thoroughly after handling. IF ON SKIN : Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, IF present and easy to do. Continue rinsing. Immediately call a POISON center or physician.			
Signal Word: Danger					
Hazard Statements: Causes serious eye damage. Causes skin irritation					
Section 3 - Composition					
Alkyl dimethyl benzyl ammonium chloride (C12-C16)		68424-85-1		4.4	
Di-(C8-10)-alkyl dimethyl ammonium chlorides		68424-95-3		3.3	
Ethanol		64-17-5		2.4	
Didecyl dimethyl ammonium chloride		7173-51-5		< 2	
Diocetyl dimethyl ammonium chloride		5538-94-3		< 2	
Section 4 - First Aid Measures					
IF ON SKIN (or hair): Remove immediately all contaminated clothing. rinse SKIN with water. Wash contaminated clothes before reuse.					
IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, IF present and easy to do. Continue rinsing. Immediately call a POISON center or physician.					
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Call a physician or POISON center if you feel unwell.					
IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits	Extinguishing Media:		Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. <b>UNUSUAL FIRE &amp; EXPLOSION HAZARD:</b> Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.	
> 200°F	LEL: NE	Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.			
	UEL: NE				
Section 6 - Accidental Release Measures					
Dike large spills and pump to suitable containers. Mop up small spills and flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.					
Section 7 - Handling and Storage					
Do not contaminate water, food or feed. Avoid all contact. Store upright in original closed container. Store locked up. Other Precautions: Do not get in eyes, on skin or on clothing. Remove & wash contaminated clothing before reuse.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations: 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.
Ethanol	1900mg/m <sup>3</sup>	1900mg/m <sup>3</sup>	Respiratory:	Not normally required	
			Eye:	Chemical resistant glasses	
			Skin:	Chemical resistant gloves	
			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	5.9-7.0	NE	200°F	< 1 (water = 1)	not flammable	NA	NE
Vapor Density	Density (lbs/gal)	Specific Gravity	pH(use dil)	Solubility (in water)	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
> 1(air = 1)	8.39	1.007	5.9-7.0	complete	NE	NA	10 cps	NE	
Section 10 - Stability and Reactivity									
Stability: Stable. Hazardous Polymerization: Will not occur. Incompatibility (Materials to Avoid): Strong oxidizing agents Anionic surfactants Hazardous Decomposition Products: 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	3,340 mg/kg	corrosive	no data	no data	no data	no data	no data	
Other:									
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
No information available for this product.					Dispose of in accordance with local, state and federal regulations. Use method outlined in local EPA and Governmental Regulations. Contact your local EPA office.				
Section 14 - Transport Information									
UN number	Basic Description(DOT)					Class	Packing Group	LTD QTY	
	Disinfectant liquid, not regulated								
Section 15 - Regulatory Information									
SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.									
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: This does not contain chemicals subject to reporting under CERCLA									
Section 16 - Other Information									
WHMIS:			HMIS:	Health -3	Flam. - 1	R - 0	PPE-X		
Date Prepared: 04-22-2015			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									