

MATERIAL SAFETY DATA SHEET

HMIS HAZARDOUS MATERIALS
IDENTIFICATION SYSTEM

(Prepared According to 29 CFR 1910.1200)

A = Safety Glasses
B = A + Gloves
C = B + Apron
D = C + Face Shield
E = B + Dust Mask

F = C + Dust Mask
G = B + Respirator
H = F + Goggles
I = B + Respirator
X = Ask Supervisor

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Health.... 3
Flammability.... 0
Physical Hazard.... 0
Protection.... C

SECTION I - PRODUCT IDENTIFICATION

Product Code: EMR3 **Supersedes date:** March 10, 2010 **Section(s) changed:** III **Effective date:** December 13, 2012

PRODUCT NAME: PRO-CON EMERALD 3 **CHEMICAL FAMILY:** Disinfectant/Cleaner
GENERIC NAME: One Step Hospital Grade Disinfectant **FORMULA:** Proprietary Mixture
DISTRIBUTORS NAME: **DISTRIBUTORS ADDRESS:**
INFORMATION PHONE NUMBER: 314-771-6600
EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300
PROPER SHIPPING DESCRIPTION: Disinfectant Solution, Not Regulated **LABEL:** None

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	RQ
Alkyl dimethyl benzyl ammonium chloride (C ₁₂ -C ₁₆)	68424-85-1				
Di-(C ₈₋₁₀)-alkyl dimethyl ammonium chlorides	68424-95-3				
Dioctyldimethylammonium chloride	5538-94-3				
Didecyl dimethyl ammonium chloride	7173-51-5				

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): 212
Vapor Pressure (mm Hg): NE
Vapor Density (Air=1): NE
Evaporation Rate (Water=1): 1.00
Solubility in Water: Complete
Physical Description: Clear Green Thin Liquid
Citrus Odor

Specific Gravity: 1.007
Lbs/Gal Density: 8.4
pH Concentrate: 5.9-7.0
pH Use Dilution: 5.9-7.0

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): None **LIMITS: LEL:** NA **UEL:** NA
EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.
SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.
UNUSUAL FIRE & EXPLOSION HAZARD: Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.

SECTION V - REACTIVITY DATA

Stability: Stable; protect from freezing.
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Strong oxidizing agents, reducing agent Anionics.
Hazardous Decomposition Products: If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide; Nitrous Oxides.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER.
Do not contaminate water, food or feed. Avoid all contact. Store upright in original closed container.
Other Precautions: Do not get in eyes, on skin or on clothing. Remove & wash contaminated clothing before reuse.

SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity:	NTP?	IARC Monographs?	OSHA REGULATED?
NE	NE	NE	YES

EFFECTS OF OVEREXPOSURE:
SKIN: May cause irritation
EYES: May be corrosive
INGESTION: May cause gastric disturbances
INHALATION: May cause irritation

EMERGENCY FIRST AID PROCEDURES:
SKIN: Immediately remove contaminated clothing. Wash clothing before reuse. Immediately flush skin with water. Get medical attention.
EYES: Immediately flush eyes with water for a least 15 minutes while holding eyelids open. Get medical attention.
INHALATION: Remove to fresh air. If breathing is difficult, seek medical attention.
INGESTION: DO NOT induce vomiting. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: (Specify type) N/A.
VENTILATION: Normal room ventilation.
PROTECTIVE GLOVES: Waterproof.
EYE PROTECTION: Splash proof chemical goggles when mixing concentrate.
OTHER PROTECTIVE EQUIPMENT: Apron. Eye wash facilities.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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.
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

SECTION X - ADDITIONAL FEDERAL REGULATIONS

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

For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

NE - Not Established NA - Not Applicable GT - Greater Than

Manufactured by: Intercon Chemical Company 1100 Central Industrial Drive, St. Louis, MO 63110