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# UNIQUE RTU

## GERMICIDAL DISINFECTANT

**Staphylocidal Pseudomonacidal**  
**\*Virucidal Fungicidal Mildewcidal**

Specially formulated, Unique RTU is a low pH quaternary ammonium germicide that cleans, disinfects and deodorizes. And besides being very mild to the hands, Unique RTU is also non-filming, won't dull floor finishes and it leaves behind a clean, pleasant, fresh fragrance. With Unique RTU, you have a one-product system of sanitation. Using Unique RTU gives you the confidence of knowing that everything you've cleaned is also disinfected and deodorized.

Unique RTU is a "one step" multi purpose detergent effective in hard water up to 400-PPM hard water (calculated as CaCO<sub>3</sub>) in the presence of 5% organic serum. The activity of Unique RTU has been evaluated by the current A.O.A.C. use dilution test and found to be effective against the following pathogenic organisms. (See product label for complete listing.)

- |                           |                                    |
|---------------------------|------------------------------------|
| *Vaccinia                 | *Rubella Virus, Vaccine Strain     |
| *HIV-1 (AIDS Virus)       | *Avian Infectious Bronchitis       |
| *Adenovirus Type 2        | *Avian Influenza Type A/Mich.      |
| *Adenovirus Type 4        | *Infectious Bovine Rhinotracheitis |
| *Herpes Simplex Type 1    | *Canine Distemper                  |
| *Herpes Simplex Type 2    | *Feline Leukemia                   |
| *Influenza Type A/Mich.   | *Feline Picornavirus               |
| **HBV (Hepatitis B Virus) |                                    |

**Cleaning and disinfecting washable hard non-porous surfaces:** Remove gross filth or heavy soil prior to application of product. Apply Unique RTU with a brush, coarse spray device, sponge, cloth, or mop. Thoroughly wet all hard, non-porous surfaces to allow surfaces to remain wet for 10 minutes. Remove excess solution or allow to air dry, rinsing as necessary unless floors are to be waxed. Unique RTU is a complete product. Do not add other chemicals. Use only as directed.

**AS A MIRROR CLEANER:** Use Unique RTU to clean mirrors. Its non-alkaline formulation is non-filming and cleans without streaking.

**AS A BRIGHT WORK CLEANER:** Use Unique RTU to clean and disinfect chrome plated handles and faucets, brushed aluminum or stainless steel. It cleans and brightens fixtures and eliminates the need for specialty bright work cleaners.

**AS A CLEANSER:** With Unique RTU you won't need to use gritty or cream cleansers that eventually dull chrome fixtures and remove the fine polish from porcelain surfaces. Using Unique RTU with a sponge scrubber will cut the dirt and leave the shine.

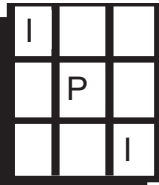
**AS A LIME AND SOAP REMOVER:** Use Unique RTU to cut through hard water deposits and soap scum build-up in sinks, tubs or showers. Daily use of Unique RTU removes the soap scum and hard water deposits before they have a chance to build-up. Especially recommended for cleaning Hubbard tanks and whirlpool baths.

**AND MORE:** Use Unique RTU on floors, walls, painted surfaces and all washable, hard, non-porous surfaces. Wherever you use a germicide - use Unique RTU.

**DANGER**  
**KEEP OUT OF THE REACH OF CHILDREN**  
**Only for sale to, use and storage by Service Personnel.**

For best product efficacy keep stock rotated.  
Shelf life is 1 year.

Judgements as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.



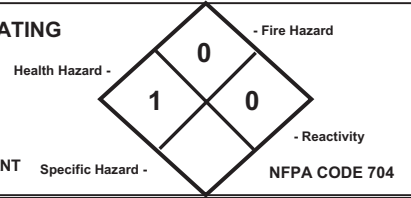
**IOWA  
PRISON  
INDUSTRIES**

**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 04/03/07  
Supersedes Date: 03/05/07

**HAZARD RATING**

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT



**SECTION 1 - PRODUCT IDENTIFICATION**

Manufacturer Name IOWA PRISON INDUSTRIES	Emergency Telephone No. (515) 967-7651
Address 300 Elm St. SW, Mitchellville, Iowa 50169	
Trade Name- <b>UNIQUE RTU</b>	Product Type-
Chemical Family-	Formula- Proprietary Blend

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGIH GUIDELINES
Alkyl (C14, 50%; C12, 40%; C16, 10%)				
Dimethyl benzyl ammonium chloride	68424-85-1		NE	NE
Octyl decyl dimethyl ammonium chloride	32426-11-2		NE	NE
Didecyl dimethyl ammonium chloride	7173-51-5		NE	NE
Diocetyl dimethyl ammonium chloride	5538-94-3		NE	NE

**SECTION 3 - PHYSICAL DATA**

Boiling Point (°F) 212	Specific Gravity (H2O = 1.0) 1.000	pH- 4.1-5.5
Vapor Pressure- (mmHg) <sub>As water</sub>	Vapor Density ( Air = 1) <sub>As water</sub>	
Solubility in Water- <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate- (vs H2O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		
Appearance and Odor- Pale green liquid with pleasant sassafras odor		

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point- (PMCC) <input checked="" type="checkbox"/> None to Boiling	Flammable Limits- Upper- Lower-
Extinguishing Media- NA	
Special Fire Fighting Procedures- NONE	
Unusual Fire and Explosion Hazards- NONE Physical Hazards- NONE	

**SECTION 5 - REACTIVITY DATA**

Stability- Stable	Incompatibility- Strong oxidizing or reducing agents
Hazardous Decomposition Products- Ammonia, nitrogen oxides	

**SECTION 6 - HEALTH HAZARDS**

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)- Direct eye contact can cause moderate irritation. Harmful if swallowed or absorbed by the skin.
Signs and Symptoms of Over-Exposure (Chronic)- Eyes: Redness, tearing. Skin: Irritation seen as redness. Ingestion: Irritation in mouth, throat, abdomen, circulatory shock, convulsions. Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.
Medical Conditions Aggravated by Over-Exposure- Existing dermatitis
Carcinogen or Suspect Carcinogen Ingredients- <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Immediately flush eyes with soap and water for 15 minutes and get prompt medical attention.
Skin: Wash thoroughly with soap water.
Ingestion: Drink promptly a large quantity of water. Avoid alcohol. Call a physician immediately.
Inhalation: Remove to fresh air. If irritation persists, or if symptoms of over-exposure develop, get medical attention.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection- NA	
Ventilation Requirements- <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other- Sufficient	
Protective Gloves- Rubber or neoprene for prolonged exposure	Eye Protection- Goggles if splashing will occur
Other Protective Clothing- NONE	

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled- Mop up or absorb on solid absorbent and shovel into containers for disposal.
Waste Disposal Methods- In accordance with Local, State, and Federal regulations.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storage- Keep container closed when not in use.
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