



I  
O  
W  
A  
  
P  
R  
I  
S  
O  
N  
  
I  
N  
D  
U  
S  
T  
R  
I  
E  
S

## CLING AND CLEAN

### Detergent Thickened Bowl Cleaner

#### DESCRIPTION:

Quickly eliminates rust, lime and uric acid deposits. Will not harm bacteria action of septic tanks. When used as directed, product demonstrates effective disinfection against *Staphylococcus aureus*, *Staphylococcus aureus*-Methicillin Resistant (MRSA), *Enterococcus faecalis*-Vancomycin Resistant (VRE) and *Salmonella choleraesuis*. Efficacy tests have demonstrated it to be an effective one-step bowl cleaner disinfectant in the presence of organic soil (5% blood serum).

#### DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**General Cleaning:** Remove cap. Squeeze gently, directing bowl cleaner under rim and on sides of bowl. Brush clean and flush toilet. Replace cap. Rinse brush with clean water. Do not use on any other surfaces including toilet seat, lid, countertops, tubs/sinks. To clean wash basins, bathtubs, shower stalls or other tile or porcelain restroom surfaces, always dilute product with 3 parts water. Do not allow solution to remain on fixtures or on other surfaces without immediately thoroughly rinsing with water.

**To Disinfect Toilet Bowls:** Remove water from bowl. Squeeze gently 1 oz. of bowl cleaner onto bowl brush. Clean entire unit, especially under rim and at water outlets. Allow to remain 10 minutes. Flush and rinse out bowl brush with clean water. A preliminary cleaning is necessary for removal of heavy soil prior to disinfection.

**EFFECTIVE AGAINST HIV-1 (AIDS VIRUS):** Product was evaluated and found to be an effective virucide in the presence of 5% serum against the virus HIV-1 (Human Immunodeficiency Virus 1, commonly referred to as AIDS VIRUS) on inanimate surfaces.

**KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surface/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1 associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**PERSONAL PROTECTION:** Disposable latex gloves, gowns, masks, and splash resistant goggles must be worn when handling items soiled with blood or body fluids.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this disinfectant. See disinfection directions above.

**CONTACT TIME:** Leave surface wet for 10 minutes.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

#### SPECIFICATION DATA:

- |   |   |
|---|---|
| 1. Hydrogen Chloride ... 9.5% HCl   | 12. Specific Gravity ... 1.047  |
| 2. Deodorizing Ability ... Malodor counteractant  | 13. Flash Point ... Will not support combustion                               |
| 3. Disinfecting Ability ... E.P.A. Registered #8155-6. Registered as a disinfectant against <i>Staphylococcus aureus</i> and <i>Salmonella choleraesuis</i> | 14. Corrosion Inhibition ... Complete/exceeds federal standards               |
| 4. Foaming ... Moderate   | 15. Shelf Life ... Stable indefinitely  |
| 5. Wetting Ability ... Excellent  | 16. Viscosity ... 100 cps Brookfield/less at elevated temperatures            |
| 6. Rinsing ... Complete   | 17. Septic Tanks ... Will not harm bacteria action                            |
| 7. Fragrance ... Clean/Fresh  | 18. USDA Authorized/C2  |
| 8. Color ... Green to Blue  | 19. Virucidal ... Effective against HIV-1 (AIDS VIRUS) on inanimate surfaces. |
| 9. Hard Water ... Stable  |   |
| 10. Biodegradable ... Yes/all surfactants   |   |
| 11. pH ... Less than 1  |   |

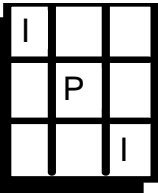
#### **CAUTION**

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

For best product efficiency keep stock rotated.

Shelf life is unlimited.

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)

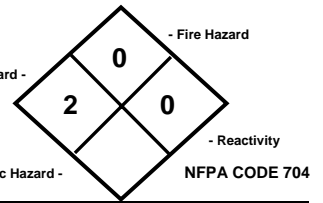
Date Prepared: 1/29/09  
Supersedes Date: 3/1/97

**HAZARD RATING**

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

Health Hazard -

Specific Hazard -



**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>CLING AND CLEAN</b>	Product Type- Porcelain & Bowl Cleaner & Disinfectant
Chemical Family- Acid	Formula- Proprietary Blend

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGHI GUIDELINES
Hydrochloric Acid	7647-01-0	9.5	5 ppm (c)	5 ppm (c)
Nonoxynol	7732-18-5	1.0	NA	NA
Amine Ethoxylate	61791-24-0	1.0	NA	NA

**SECTION 3 - PHYSICAL DATA**

Boiling Point (°F) 190-212 °F	Vapor Density ( Air = 1 ) >1
Vapor Pressure- (mmHg) NE	
Solubility in Water- <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable <input type="checkbox"/> Slight	Specific Gravity (H2O = 1.0) 1.045
Evaporation Rate- >water <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the Same	pH- <1
Appearance and Odor- Green liquid with a floral scent	

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

Flash Point- (T.C.C.) None <input type="checkbox"/> None to Boiling	Flammable Limits- Upper- NA Lower- NA
Extinguishing Media- Use water spray, dry chemical, carbon dioxide or foam extinguishing agents unless contraindicated by surrounding environment..	
Special Fire Fighting Procedures- Prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from fire area. Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing. Keep containers cooled to prevent rupture.	
Unusual Fire and Explosion Hazards- None known	Physical Hazards- Corrosive

**SECTION 5 - REACTIVE DATA**

Stability- Stable	Incompatibility- Do not mix with chlorine bleach or other chemicals.
Hazardous Decomposition Products- Thermal decomposition of this product may generate oxides of carbon, nitrogen and hydrogen chloride.	

**SECTION 6 - HEALTH HAZARDS**

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute) – Harmful or fatal if swallowed. Eye and skin irritant. Itching/burning sensation may occur. May cause permanent damage if not promptly treated.
Signs and Symptoms of Over-Exposure (Chronic)- None known
Medical Conditions Aggravated by Over-Exposure- May aggravate skin disorders or respiratory ailments.
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**

<b>Eyes:</b> Flush immediately with water, remove contact lenses if applicable. Flush with large quantities of running water for 15 minutes. Hold eyelids apart during flushing to ensure complete rinsing of eyes. Get medical attention immediately and continue flushing if doctor not immediately available.
<b>Skin:</b> immediately remove contaminated clothes. Wash with soap and plenty of water for 15 minutes. Do not attempt to neutralize with chemical agent. Wash clothing.
<b>Ingestion:</b> DO NOT INDUCE VOMITING! Rinse mouth with water. Give 1-2 glasses of water or milk and call doctor or poison control. If vomiting occurs, keep head below hips to reduce risk of aspiration. Give water again. Get medical attention immediately.
<b>Inhalation:</b> Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection- Not expected to be necessary under normal conditions of use.
Ventilation Requirements- <input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other-
Protective Gloves- Water impervious (Latex, Neoprene) Eye Protection- Chemical resistant goggles or face shield
Other Protective Clothing- Protective clothing (long sleeves/pants), eye wash, safety shower are always advisable when working with chemicals.

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled- Floor may become slippery. Contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of sewers or waterways. Hold for disposal.
Waste Disposal Methods- Dispose of in accordance with Local, State and Federal regulations. If possible, triple rinse container, and recycle.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be taken in Handling and Storage- Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container closed when not in use.
--