



## MATERIAL SAFETY DATA SHEET

24 HOUR EMERGENCY CHEMTREC TELEPHONE 1-(800)-424-9300  
24 HOUR MEDICAL EMERGENCY TELEPHONE 1-(888)-324-7596

WD-40 COMPANY, 1061 Cudahy Place (92110), P.O. Box 80607, San Diego, CA 92138-0607  
TELEPHONE (732)-452-1077

DATE PREPARED: November, 2001

### SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: X-14 Anti-Bacterial Toilet Bowl Cleaner  
PRODUCT USE: Cleaner  
DATE RELEASED: March 28, 2001  
Formula Number: B0922  
EPA Reg. #: 6836-279-71903  
MSDS No. 14-1017

### SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS#	Percent
Organic Chlorine Bleach	118-52-5	60-70

### SECTION 3. HAZARD IDENTIFICATION

OSHA HAZARD CLASSIFICATIONS: Oxidizer, Corrosive  
WHMIS HAZARD CLASSIFICATIONS: Class C (Oxidizing Material) and Class E (Corrosive Material)  
ACUTE HEALTH EFFECTS: Harmful or fatal if ingested. Corrosive to skin and eyes.  
CHRONIC HEALTH EFFECTS: None known  
CARCINOGENICITY: Not considered to be a carcinogen by either OSHA, NTP, IARC, or ACGIH  
TARGET ORGANS: Skin and eyes

### SECTION 4. FIRST AID MEASURES

For Medical Emergencies Call 1-888-324-7596 (24 hours/day)  
EYE CONTACT: Flush with water for 20 minutes. Seek medical attention  
SKIN CONTACT: Flush with water for 15 minutes. Seek medical attention if irritation develops and persists.  
INGESTION: Offer sips of water. Contact physician or poison center immediately. Do not induce vomiting.  
INHALATION: Move to fresh air, contact physician if breathing difficulty develops.

### SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: Not available  
EXTINGUISHING MEDIA: No known incompatibilities.  
SPECIAL FIRE FIGHTING PROCEDURES: May ignite combustible materials and product noxious gases. To minimize the progressive generation of noxious gases, flood burning material with large quantities of water.  
EXPLOSION HAZARDS: Material is a strong oxidizer.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Collect and place material in a sealable container for later disposal. Avoid generating dust or contaminating with combustible material.

### SECTION 7. HANDLING AND STORAGE

Avoid breathing dusts or particulates. Avoid skin and eye contact

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION: General ventilation is adequate  
RESPIRATORY PROTECTION: None needed under normal use conditions.  
EYE PROTECTION: None needed under normal use conditions.  
HAND PROTECTION: Wear rubber or neoprene gloves when handling.  
OTHER PROTECTIVE EQUIPMENT: None needed under normal use conditions.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: Solid material with chlorine odor  
SOLUBLE IN WATER: Yes

## SECTION 10. STABILITY AND REACTIVITY

STABILITY: Oxidizing material  
REACTIVITY: Hazardous polymerization will not occur  
INCOMPATIBILITIES: Strong acids and alkalis, high storage temperatures, moisture and readily oxidizable material.  
HAZARDOUS DECOMPOSITION PRODUCTS: Unidentified noxious gases

## SECTION 11. TOXICOLOGY INFORMATION

Oral LD50 of active ingredient (organic chlorine bleach) = 800mg/kg

## SECTION 12. ECOLOGICAL INFORMATION

Material is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with NPDES permit.

## SECTION 13. DISPOSAL CONSIDERATION

Dispose of in compliance with all Federal, state and local laws and regulations.

## SECTION 14. TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Oxidizing solid, corrosive n.o.s. (organic chlorine bleach), 5.1, UN 3085, PG III  
TDG CLASSIFICATION: Oxidizing solid, corrosive n.o.s. (organic chlorine bleach), 5.1, UN 3085, PG III

## SECTION 15. REGULATORY INFORMATION

WHMIS STATEMENT - This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all information required by the CPR.

Federal Regulations:

This is an EPA registered pesticide (EPA Reg. # 6836-263-71903). This product may only be used in the EPA registered application(s) stated on the product label.

TSCA Inventory Status: Present

CERCLA: None Present

SARA Title III Sections 302/304: None Known

SARA Title III Sections 311/312:

Chemical Name	CAS #	Hazard Categories
1,3-Dichloro-5,5-dimethylhydantoin	118-52-5	A,R
1,3-Dichloro-5-ethyl-5-methylhydantoin	89415-87-2	A,R
Monochloro-5,5-dimethylhydantoin	--	A,R
Other related products	--	A,R

(A= Immediate (Acute) Health Hazards; R= Reactive)

SARA Title 313: None known

State Right-To-Know Regulations:

California Proposition 65: None known

## SECTION 15. REGULATORY INFORMATION continued

### Massachusetts Right-To-Know:

Chemical Name	CAS #	Maximum Concentration
1,3-Dichloro-5,5-dimethylhydantoin	118-52-5	86%

Michigan Critical Materials: None known

### New Jersey Right-To-Know:

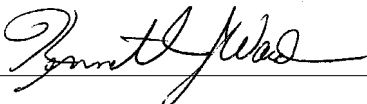
Chemical Name	CAS #	Maximum Concentration
1,3-Dichloro-5,5-dimethylhydantoin	118-52-5	86%
1,3-Dichloro-5-ethyl-5-methylhydantoin	89415-87-2	3%
Monochloro-5,5-dimethylhydantoin	--	1%
Other related compounds	--	10%

### Pennsylvania Right-To-Know:

Chemical Name	CAS #	Maximum Concentration
1,3-Dichloro-5,5-dimethylhydantoin	118-52-5	86%

## SECTION 16. OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best of our knowledge.

SIGNATURE: Ken Ward  TITLE: Director - Research & Technology

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