

MATERIAL SAFETY DATA SHEET

HMIS RATINGS
Health Hazard: 0
Flammability Hazard: 0
Reactivity Hazard: 0

Willert Product: 375010 & 365002
Issue Date: 06/09/11
Supersedes: n/a

Product Name: Ty-D-Bol[®] Continuous Liquid “In-Between” Toilet Bowl Cleaner

(The information provided in this Material Safety Data Sheet is directed at occupational exposure and may not be applicable to consumer use of the product.)

Willert Home Products, Inc.
4044 Park St.
St. Louis, MO 63110

EMERGENCY TELEPHONE NUMBER: 314-772-2822 (8:30 AM to 4:30 PM CST)
CHEMTREC 800-424-9300

SECTION 2: COMPONENT INFORMATION

<u>Hazardous Ingredients</u>	CAS Number	Concentration in Product
None.	N/A	N/A

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:

Dark blue liquid in white plastic bottle (12 fl. oz.). Lemon scent. Concentrated product may stain skin temporarily. Testing indicates that product is non-toxic orally (rats), non-irritating to rabbit skin and non-irritating to rabbit eyes.

Carcinogenicity: None of the ingredients are listed by NTP, OSHA and IARC.

Reproductive Effects: None expected.

Target Organs: None.

Medical Conditions Aggravated By Exposure: None known.

SECTION 4: FIRST AID PROCEDURES

First Aid Procedures:

INGESTION: Call poison control center or doctor for treatment advice. Have person rinse the mouth with water. If able to swallow, have the person sip a glass of water. Do not induce vomiting unless told to do so by a poison control center or doctor.

INHALATION: Remove person to fresh air.

EYES: Flush eyes with water for 15 minutes, holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Remove contact lenses, if present, after the first five minutes and continue rinsing the eye. If irritation develops, consult a physician.

SKIN: Wash skin with plenty of soap and water and remove contaminated clothing and shoes. If irritation develops, consult a physician.

SECTION 5: FIRE HAZARDS

Unusual Fire and Explosion Hazards: None.

Fire Fighting Procedures: Not applicable.

Extinguishing Media: Not flammable.

Conditions to Avoid: None.

Hazardous Combustion Products: None.

Flash Point: None, water-based formula.

Flammability Limits: Lower: N/A Upper: N/A

Autoignition Temperature: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Pre-Entry Spill Procedure:

Contain spill if it is safe to do so.

Review Section 3 - Hazards Identification and Section 8- Exposure Control/Personal Protection before proceeding with the clean up.

Clean Up and Containment:

Collect free liquid with absorbent material. Scoop or shovel absorbent material into suitable labeled containers with a tight fitting lid. Secure the drum cover and move the container to a safe holding area. Rinse surface with water. Check area for residual material and repeat clean up if detected.

Environmental Concerns: None known.

Treatment and Disposal:

Wash exposed clothing and equipment before reuse.

See Section 13 - Disposal Recommendations for disposal information.

Reporting Requirements:

Report all releases which are likely to endanger the public health, harm the environment, or cause complaint to the appropriate State or Local officials.

SECTION 7: HANDLING AND STORAGE

General Measures:

Avoid eye contact and unnecessary skin exposure. Store in a dry area at room temperature.

Materials or Conditions to Avoid:

Avoid contact with strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

General Hygienic Practices:

Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

Eyewear: Avoid eye contact with liquid.

Skin: Manufacturing personnel should wear gloves when working with liquid.

Respiratory Protection: Not necessary.

Work Practices and Engineering Controls:

General room ventilation is sufficient. Practice safe workplace habits. Prevent the accumulation of material in the work area by thorough periodic cleaning of the area. Minimize body contact with this as well as all chemicals in general.

Protective Measures During Repair and Maintenance: No special measures are required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Size: 12 fl. oz.

Color: Dark blue

Odor: Lemon

pH: 8-10

Volatile Organic Compounds: 0-5% (Total VOCs)

Solubility in Water: Complete.

Solubility - other solvents: Not determined.

Specific Gravity/Bulk Density: 1.0 (water = 1.0)

Vapor Pressure: Not determined.

Vapor Density (air = 1): Not determined.

Evaporation Rate: <1 (water = 1.0)

Boiling Point: ~212° F

Freezing Point: Not determined.

SECTION 10: STABILITY AND REACTIVITY

General Stability Considerations: Stable.

Conditions to Avoid: None.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Not applicable.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Testing indicates that product is non-toxic orally (rats), non-irritating to rabbit skin and rabbit eyes.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Fate: No data available

Ecotoxicity: No data available.

SECTION 13: DISPOSAL RECOMMENDATIONS

Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local environmental regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT: Not regulated.

SECTION 15: REGULATORY INFORMATION

TSCA: Components of this product are listed on the TSCA Inventory.

SARA Title III: No product ingredients are regulated under Sections 302 or 313.

SECTION 16: OTHER INFORMATION

None.

LIST OF ACRONYMS

ACGIH: American Conference of Governmental Industrial Hygiene
AIHA WEEL: American Industrial Hygienists Association - Workplace Environmental Exposure Level
ANSI: American National Standards Institute
C: Ceiling
California Prop. 65: California Safe Drinking Water and Toxic Enforcement Act (Prop 65)
Canadian WHMIS: Canadian Workplace Hazardous Materials Information System Ingredient Disclosure
CASRN: Chemical Abstracts Service Registry Number
CERCLA: Comprehensive Emergency Response, Compensation and Liability Act
DOT: U. S. Department of Transportation
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
IMO: International Maritime Organization
N/A: Not Applicable
NOR: Not Otherwise Regulated
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: OSHA Permissible Exposure Limit
RCRA: Resource Conservation and Recovery Act
RQ: Reportable Quantity
SARA: Superfund Amendment Reauthorization Act
STEL: Short-Term Exposure Limit
TLV: Threshold Limit Values (registered trademark of ACGIH)
TPQ: Threshold Planning Quantity
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty, or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.