



MATERIAL SAFETY DATA SHEET (MSDS)

Urolux® Urinary & Ostomy Appliance Cleanser

SECTION I • MATERIAL & COMPANY INFORMATION

- 1.1 Product Name: Urolux® Urinary & Ostomy Appliance Cleanser and Deodorant, Product No. 701016, 700204 & 700202.
- 1.2 Product Use: Urinary & Ostomy Appliance Cleanser and Deodorant.
- 1.3 Chemical Name & Synonyms: Surfactant and fragrance.
- 1.4 Chemical Family: Corrosive Surfactant
- 1.5 Manufacturer/Distributor: Urocare Products, Inc. 2735 Melbourne Ave., Pomona, CA 91767-1931, U. S. A.
- 1.6 For Information: (909) 621-6013 Monday ~ Thursday 7:00AM ~ 5:00PM (PST).
- 1.7 Emergency Contact: (800) 457-4280 (InfoTRAC 24 hour number).

SECTION II • HAZARDOUS INGREDIENTS/MATERIAL COMPOSITION

- 2.1 Product Mixture: Blend
- 2.2 Product Components: This section is considered confidential and is provided upon agreement for nondisclosure.
- 2.3 Carcinogenic Listings: NPT, IARC, OSHA or ACGIH lists none of the components as carcinogens. No other hazards as per OSHA 49CFR 1910.1200.
- 2.4 Shipping Information:
 - 2.4.1 DOT Hazard Class: Corrosive, 8— Not Applicable when shipped in its original packaging, 2, 4 or 16 fl. oz. bottles, this product falls under the title of “Consumer Commodity, ORM-D” (ORM-D=Other Regulated Material, Class D).
 - 2.4.2 DOT Proper Shipping Name: Phosphoric Acid— Not Applicable when shipped in its original packaging.
 - 2.4.3 Identification Number: UN 1805— Not Applicable when shipped in its original packaging.

SECTION III • PHYSICAL & CHEMICAL PROPERTIES

- 3.1 Appearance and Odor: A clear blue-green liquid—lemon fragrance.
- 3.2 Boiling Point: 212° F (97° C)
- 3.3 Dielectric Strength: Not Determined
- 3.4 Evaporation Rate: Not Determined
- 3.5 Melting Point: Not Applicable
- 3.6 Percent Volatile by Volume (%): 78%
- 3.7 Pour Point: Not Determined
- 3.8 Solubility in Water: Negligible
- 3.9 Specific Gravity (H₂O=1): 1.1175
- 3.10 Vapor Density (Air=1): Not Applicable
- 3.11 Vapor Pressure (mm Hg): Not Determined

MATERIAL SAFETY DATA SHEET — continued
Urolux® Urinary & Ostomy Appliance Cleanser

3.12 Viscosity: 1.73 cps

SECTION IV • FIRE AND EXPLOSION HAZARD

4.1 Flash Point, Method Used: Non Flammable

4.2 Auto Ignition: Not Applicable

4.3 Flammable Limits (Lel, Uel): Not Applicable, Not Applicable

4.4 Extinguishing Media: Not Applicable.

4.5 Unusual Fire and Explosion Hazards: Non flammable, but can react with metals to liberate hydrogen a flammable gas.

4.6 Special Fire Fighting Precautions: Not Determined

4.7 Special Fire Fighting Equipment: Not Applicable.

SECTION V • HEALTH HAZARD & EXPOSURE INFORMATION

5.1 Primary Routes of Contact: Oral and skin.

5.2 Threshold Limit Value: 1 mg/M³

5.3 Signs and Symptoms of Overexposure: Acute and prolonged exposure may cause redness or burns on contact with any part of the body.

5.4 Effects of Overexposure: Urolux® is a corrosive material which may cause burns on contact with any part of the body. It may also cause local damage if taken internally in concentrated doses.

5.5 Health Hazard:

5.5.1 Acute Exposure:

5.5.1.1 Vapor Inhalation: May irritate nose and eyes on contact depending on amount of exposure.

5.5.1.2 Eye: Will irritate and/or cause burns.

5.5.1.3 Skin: Low irritation in normal individuals.

5.5.1.4 Ingestion: May cause local damage if taken internally in concentrated doses.

5.5.2 Chronic Exposure:

5.5.2.1 Vapor Inhalation: Not Determined.

5.5.2.2 Eye: Serious burns and/or loss of vision.

5.5.2.3 Skin: Causes local skin breakdown.

5.5.2.4 Ingestion: May cause local damage if taken internally in concentrated doses.

5.6 Medical Conditions Aggravated by Exposure: Not Determined.

5.7 Emergency and First Aid Procedures:

5.7.1 Eyes: Flush with water for 15 minutes.

5.7.2 Skin: Flush with water and remove soiled clothing and shoes immediately.

5.7.3 Ingestion: In case of ingestion, do not induce vomiting. May be harmful or fatal if ingested dependent upon amount ingested. If ingested, drink large amounts of water or milk and seek medical attention immediately.

5.7.4 Inhalation: If vapors are inhaled into the lungs, get immediate medical attention.

SECTION VI • STABILITY AND REACTIVITY

6.1 Stability: Stable.

6.2 Incompatibility (Material to Avoid): Not Determined.

MATERIAL SAFETY DATA SHEET—continued
Urolux® Urinary & Ostomy Appliance Cleanser

6.3 Hazardous Decomposition: As with all corrosives Urolux® may cause the local breakdown of surrounding materials. Avoid contact with all materials other than glass, plastics, rubber and latex.

6.4 Hazardous Polymerization: Will not occur.

SECTION VII • HANDLING AND STORAGE

7.1 Precautions to be taken in Handling and Storage: Normal precautions common to safe manufacturing practices should be followed in handling and storage. Keep container closed, in a cool, dry place. Keep well ventilated. Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. Vent drums while heating.

7.2 Drum Container: N/A

7.2.1 CONTAINER HAZARDOUS WHEN EMPTY. Emptied container retains vapor and product residue. FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED. RESIDUAL VAPORS ARE CORROSIVE. Improper disposal or reuse of this container may be dangerous and/or illegal. The reuse of this material's container of non-industrial purposes is prohibited and any reuse must be in consideration of the data provided in the MSDS.

7.3 Bulk Container:

7.3.1 The hazardous nature of tank inspection, cleaning, repairs, etc. requires trained personnel familiar with the hazards involved. Emptied tank retains vapor and product residue.

Materials to Avoid: N/A

SECTION VIII • LEAK, SPILL, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES

8.1 Small Spills: Flush with water or neutralize with a base such as soda ash (Sodium Carbonate); then wipe-up and place in waste container.

8.2 Large Spills: Ventilate area and avoid breathing fumes. Dike area to contain spill. If spill occurs indoors, turn off air conditioning and/or heating system to prevent vapors from contaminating entire building. Clean up area (wear protective equipment—refer to section VII)—by mopping or with absorbent material and place in closed containers for disposal. Avoid contamination of ground and surface waters. Do not flush to sewer.

8.3 Waste Disposal Methods: In its purchased form, the product is biodegradable. Dispose neutralized material in a waste container and to a landfill according to routine waste handling procedures. Empty bottle may be recycled. Urocare Products, Inc. suggests that all local, state and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Contact Urocare Products if there are any disposal questions.

8.4 Protective Equipment:

8.4.1 Eyes: Use proper protection—Safety glasses as a minimum.

8.4.2 Skin: Washing at mealtime and end of shift is adequate. Remove contaminated clothing and shoes as-soon-as practical and clean thoroughly before reuse. Rubber or plastic gloves are recommended.

8.5 D.O.T. (49CFR 171.8)/E.P.A. (40CFR 117) Spill Reporting Information:

8.5.1 Hazardous Substance: Phosphoric Acid.

8.5.2 Reportable Quantity: Not Applicable in its purchased form (16 fl. ozs. or less).

8.5.3 Concentration of Hazardous Substance: Not Applicable.

8.5.4 Reportable Quantity: Product contains no ingredient subject to D.O.T. or E.P.A. CERCLA/SARA environmental release reporting regulations in its purchased form (16 fl. ozs. or less). See Sec. X for additional SARA compliance information. Spills to U.S. surface waters, or to watercourse or sewer leading to U.S. surface waters that cause a visible sheen must be reported to the National Response Center.

SECTION IX • SPECIAL PROTECTION/EXPOSURE CONTROLS

9.1 Engineering Controls: In its purchased form, none needed.

MATERIAL SAFETY DATA SHEET—continued
Urolux® Urinary & Ostomy Appliance Cleanser

9.2 Personal Protection:

- 9.2.1 Ventilation: Not required under normal conditions.
- 9.2.2 Respiratory: No special requirements.
- 9.2.3 Eye Protection: Safety glasses are strongly recommended, but not required under normal conditions.
- 9.2.4 Gloves: Plastic or rubber gloves are recommended for a sensitive individual.
- 9.2.5 Ingestion: Do not ingest. In case of ingestion, do not induce vomiting. May be harmful or fatal if ingested dependent upon amount ingested. If ingested, drink large amounts of water or milk and seek medical attention immediately.

SECTION X • SPECIAL PRECAUTIONS

- 10.1 Storage & Handling: In its purchased form, store in a cool place inaccessible to the reach of small children.
- 10.2 Other Precautions: If the product is stored in large quantities, store in a poly lined or stainless steel tank designed for H₃PO₄. Keep away from heat and out of direct sunlight. Clothing resistant to phosphoric acid may be used in case of splashing.

SECTION XI • ADDITIONAL REGULATORY COMPLIANCE INFORMATION

- 11.1 CERCLA, State and Local Planning (Reportable Quantities: Not Required).
- 11.2 OSHA Compliance: MSDS Prepared in accordance with OSHA 29CFR 1910.1200 to comply with the Hazard Communication Standard.
- 11.3 RCRA Characteristics: Waste Classification: Product has not been evaluated for RCRA characteristics.
- 11.4 SARA Title III Superfund: The product in its purchased form (16 fl. ozs. or less) is not regulated under the SARA hazard categories as per the E.P.A. "Hazard Categories" under sections 311 and 312 of the Superfund Amendment and the Reauthorization Act of 1986 (SARA Title III).
- 11.5 Important: This information must be included in all MSDS that are copied and distributed for this product.
- 11.6 State Right-To-Know Compliance: The product in its purchased form (16 fl. ozs. or less) is considered by the D.O.T. as a "Consumer Commodity ORM-D" (Other Regulated Material Class D). Contact Urocare Products if there are any questions.

The information contained herein is current as of the date of this Material Safety Data Sheet and is furnished in good faith as typical values and not as a product specification. No warranty of any kind, either expressed or implied, is hereby made. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Urocare products, Inc., users should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety of employees and customers.