

1 Material and Supplier Identification

Product Name: **Nviroclean™**

Description: Waterless Urinal Cleaner and Deodorizer

Recommended use of the chemical and restrictions: Use only for the purpose on product label. This product is not intended to be used without prior dilution if specified on product label.

Supplier's Information: **Waterless Co., Inc.**
 1050 Joshua Way
 Vista, CA 92083
 760-727-7723 (Customer Service)

Emergency Telephone: (800) 255-3924 USA (813)248-0585 International (Chemtel 24 hrs)

2 Hazards Identification

Classification of Mixture: Eye Irritation: Category 2B Pictogram
No Pictogram

Signal Word: **WARNING**

Hazard Statements: Causes eye irritation

Cautionary Statements

General: KEEP OUT OF REACH OF CHILDREN. Read label before use.

Prevention: Wash hands thoroughly after handling.

Response: IF ON SKIN: Take off contaminated clothing and wash before reuse. Rinse skin with water. If skin irritation persists: Get medical attention.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If problem persists, call a Poison Center or get medical attention.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention immediately.

3 Composition/Information on Ingredients

| <u>Hazardous Ingredients</u> | <u>CAS Number</u> | <u>Concentration Range %</u> |
|-------------------------------------|-------------------|------------------------------|
| Dipropylene glycol monomethyl ether | 34590-94-8 | 1-5 |
| Alcohols, Ethoxylated | 68439-46-3 | 1-3 |

Appropriate engineering controls:

Good ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protection

- Eye Protection: Use protective glasses or safety goggles if splashing or spray-back is likely.
- Hand Protection: Use protective gloves when used for prolonged periods or if skin sensitive.
- Skin Protection: Use apron if splashing or spray-back is likely.
- Respiratory Protection: Use in well ventilated areas or local exhaust ventilation when cleaning small spaces.
- Hygiene Measures: Always wash hands after handling chemical products, and before smoking, eating, drinking, or using the toilet. Wash contaminated clothing or protective equipment before storage and re-use.

9 Physical and Chemical Properties

| | | | | | |
|-----------------|------------|----------------------|----------|--------------------------|------------|
| Physical State: | Liquid | Specific Gravity: | 1.01 | Vapour Pressure (mm Hg): | < 17 mm Hg |
| Color: | White | Evaporation Rate: | < 1 | Vapour Density: | > 1 |
| Odor: | Peppermint | Solubility in Water: | Complete | Freezing Point (°F): | < 32 |
| pH: | 7-8 | VOC (g/L): | <20 | Boiling Point (°F): | > 212 |
| | | | | Flash Point (°F): | > 200 |

< means less than

> means greater than

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10 Stability and Reactivity

- Stability: No specific data
- Chemical Stability: Stable
- Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to Avoid: Avoid exposure to heat and light.
- Incompatible Materials: Slightly reactive or incompatible with oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and reactive metals (e.g., aluminum).
- Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological Information

Symptoms:

- Eye Contact: Adverse symptoms may include the following: irritation, watering, redness
- Skin Contact: Adverse symptoms may include the following: irritation, redness
- Inhalation: Adverse symptoms may include the following: respiratory tract irritation, coughing
- Ingestion: Adverse symptoms may include the following: stomach pains

Acute Toxicity:

- Eye Contact: Causes eye irritation
- Skin Contact: May cause skin irritation.
- Inhalation: May cause respiratory irritation.
- Ingestion: May cause burns to mouth, throat and stomach.

Toxicity Data:

Hazardous Ingredients

| | Result | Species | Dose |
|------------------------------------|---------------|---------|-------------|
| Diethylene glycol monomethyl ether | LD 50- Oral | Rat | 5152 mg/kg |
| Alcohols, Ethoxylated | LD50-Oral | Rat | >2000 mg/kg |
| | LD50 - Dermal | Rabbit | 20800 mg/kg |

Chronic Effects: No known significant effects or critical hazards