

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name PATCO DISINFECTANT RESTROOM CLEANER
Revision date 27-Mar-2008
Company information Patco Management Inc.
 7710 Maltlage Drive
 Liverpool, NY 13090 US
Emergency CHEMTREC 1-800-424-9300
General information Phone: 1-800-466-0693

2. Hazards Identification

Emergency overview This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Causes skin and eye burns.
Potential short term health effects
Eyes Irritating to eyes.
Skin Prolonged exposure may cause skin irritation.
Inhalation Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion Irritating to mouth, throat, and stomach.

3. Composition / Information on Ingredients

Hazardous component(s)	CAS #	Percent
Ethanolamine	141-43-5	< 10
Sodium Tripolyphosphate	7758-29-4	< 10

4. First Aid Measures

First aid procedures
Eye contact Immediately flush eyes with plenty of water for at least 20 minutes.
Skin contact Wash with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Inhalation Move to fresh air. If breathing is difficult, give oxygen.
Ingestion Give several glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
General advice In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. Fire Fighting Measures

Flammable properties None known.
Extinguishing media
Suitable extinguishing media Use methods for the surrounding fire.

6. Accidental Release Measures

Personal precautions Do not touch or walk through spilled material.
Methods for containment Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

PATCO DISINFECTANT RESTROOM CLEANER

Methods for cleaning up Never return spills in original containers for re-use.

Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling Handle and open container with care.

Storage Keep out of the reach of children. Keep at temperatures between 4 and 49°C.

8. Exposure Controls / Personal Protection

Exposure guidelines

ACGIH - Threshold Limits Values - Short Term Exposure Limits (TLV-STEL)

Ethanolamine 141-43-5 6 Ppm STEL

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Ethanolamine 141-43-5 3 Ppm TWA

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Ethanolamine 141-43-5 eye and skin irritation

U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)

Ethanolamine 141-43-5 3 Ppm TWA; 6 mg/m³ TWA

Engineering controls Use general ventilation.

Personal protective equipment

Eye / face protection Wear as appropriate: safety glasses with side-shields or goggles.

Skin protection Impervious butyl rubber gloves.

Respiratory protection Under normal conditions, respirator is not normally required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance clear liquid

Color green

Form Liquid.

Odor citrus

Odor threshold Not available

pH 12

Freezing point Not available

Boiling point 100 °C estimated

Flash point > 212 °F Pensky-Martens Closed Cup

Flammability limits in air, lower, % by volume Not available

Flammability limits in air, upper, % by volume Not available

Vapor pressure Not available

Vapor density Not available

Specific gravity 1.064

Solubility (H₂O) 100 %

VOC (Weight %) 3.9 %

10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions.

Conditions to avoid Do not freeze.

PATCO DISINFECTANT RESTROOM CLEANER

Incompatible materials Incompatible with strong acids and oxidizing agents.
Hazardous decomposition products Carbon monoxide and carbon dioxide. nitrogen oxides (NOx)
Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Acute effects Acute LD50: 10999 mg/kg, Rat, Oral
Acute LD50: 89155 mg/kg, Rat, Dermal
Acute LC50: 31175 mg/l/4h, Rat, Inhalation
Causes burns.

Local effects Irritating to respiratory system.

Chronic effects Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged or repeated exposure may cause lung injury. Prolonged exposure may cause chronic effects.

12. Ecological Information

Ecotoxicity Components of this product are hazardous to aquatic life. Components of this product have been identified as having potential environmental concerns.

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

Department of Transportation (DOT) Requirements NON-BULK

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

PATCO DISINFECTANT RESTROOM CLEANER: 76900.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

PATCO DISINFECTANT RESTROOM CLEANER

Inventory status

Country(s) or region

Australia
Canada
China
Korea
Philippines
United States & Puerto Rico

Inventory name

Australian Inventory of Chemical Substances (AICS)
Domestic Substances List (DSL)
Inventory of Existing Chemical Substances in China (CCS)
Korean Inventory of Chemicals (KICS)
Philippine Inventory of Chemicals and Chemical Substances (PICCS)
Toxic Substances Control Act (TSCA) Inventory

International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

State regulations

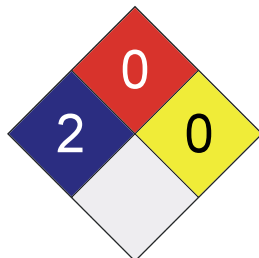
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

16. Other Information

HMIS rating

Health	* 2
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes



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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.