

# Material Safety Data Sheet

## Urine Pretreatment

### SECTION 1: Product Identification

Product name: Urine Pretreatment  
Chemical family: organic acid, aqueous solution  
Common or trade name: carpet spotter / neutralizer  
Formula: proprietary mixture  
Description: clear liquid

### SECTION 2: Hazardous Rating

		Hazard Rating Scale:
Health:	2	4 = Severe
Fire:	0	3 = Serious
Reactivity:	0	2 = Moderate
Special:	0	1 = Slight
		0 = Minimal

### SECTION 3: Hazardous Ingredients

Contains: Hydroxyacetic acid:  
(CAS 79-14-1)  
Isopropyl Alcohol:  
(CAS 67-63-0)  
Alkyldimethylbenzylammonium Chloride  
(CAS 68424-85-1)

### SECTION 4: Fire and Explosion Data

Flash Point: not available  
Flammable limits: not available  
Extinguishing media: water, dry chemical, foam  
Unusual fire and explosion hazards: none known

### SECTION 5: Health Hazard

Effects of overexposure:

- A. Eye contact: eye irritation with discomfort, tearing, or blurring of vision
- B. Ingestion: corrosion of mucous membranes with gastric irritation
- C. Inhalation: irritation of mucous membranes
- D. Skin contact: may cause skin irritation with discomfort or rash
- E. Primary routes of entry: inhalation, skin contact

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### SECTION 6: Emergency First Aid Procedures

- A. Eye contact: flush with water for 15 minutes, if irritation persists, seek medical care
- B. Ingestion: drink large quantity of milk or water, get medical attention
- C. Inhalation: remove to fresh air, if problem continues seek medical care
- D. Skin contact: flush with warm water

### SECTION 7: Handling Procedures

- A. Protective equipment:
  - Eyes: Wear safety glasses or goggles while mixing and using.
  - Skin: Chemical resistant gloves are recommended, wash thoroughly after handling.
  - Inhalation: None required, use good ventilation.
- B. Storage: Keep containers from freezing, store away from oxidizing materials, keep tightly sealed.
- C. Ventilation requirements: Local exhaust may be used if needed, use good ventilation.

### SECTION 8: Spill or Leakage Control Procedures

Flush spill area with plenty of water or absorb liquid with cloths, sawdust, floor absorbent, vermiculite, etc., and dispose of in accordance with applicable regulations. Keep this, and all other chemicals, out of surface waters, storm sewers, and other waterways entering or leading to ground and surface waters.

### SECTION 9: Physical Data

The following data is approximate or typical values and should not be used for precise purposes or product specifications.

boiling point:	212° F
solubility in water:	miscible
evaporation rate:	1
pH:	1.5 to 2.5

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### SECTION 10: Reactivity Data

Stability:	Stable
Hazardous polymerization:	Will not occur
Conditions to avoid:	Oxidizers
Incompatibility:	Strong oxidizing agent
Hazardous decomposition products:	None known

The information in this Material Data Sheet is drawn from recognized sources believed to be reliable but is provided without warranty.

The user must determine safe condition and assume liability for loss, injury, damage, or expense resulting from use of this product.     **Date: 2/2010**

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