



MATERIAL SAFETY DATA SHEET

1. Chemical Product & Company Data

Product name Urinse Pre Spotter	
Manufacturer: Il Rep-Z, Inc. 4660 Elizabeth St. Coraopolis, PA 15108 Telephone: 1-412-264-8340	Supplier:

2. Hazardous Ingredients

Name	CAS #	UN #	% by volume
Ethanoic acid	64-19-7		5-10
2-hydroxy-1,2,3 propanetricarboxylic acid	77-92-9		1-5

3. Hazards Identification

Emergency Overview

Skin and eye irritant

NOTE: Hazard information is based on the characteristics of the components of this mixture.

Ingestion - may cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation - may cause irritation of the respiratory tract

Eye contact - may cause eye irritation

Skin contact - prolonged contact may cause discomfort and irritation of the skin

4. First Aid

Ingestion - If patient is conscious give two glasses of water. **Do not** induce vomiting. Seek medical attention immediately.

Inhalation - Remove to fresh air. Administer artificial respiration if not breathing.

Eye contact - Flush eyes with water for 15 minutes. Seek immediate medical attention.

Skin contact - Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists.

Urinse Pre Spotter

5. Fire Fighting Measures

Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, under which conditions ?		
Flashpoint > 200 °F (93.3 °C)	Upper flammable limit % by volume	Lower flammable limit % by volume	
Autoignition temperature	Hazardous combustion products		
Explosion data:			
Means of extinction:			

6. Accidental Release Measures

Wear personal protective equipment Do not allow spill to reach watercourse or sewers Contain spill with absorbent mats or booms or inert materials such as sand. Material should be readily available in the workplace. Collect and store waste materials in suitable containers for disposal i.e. metal drums

7. Handling & Storage

To prevent vapor escaping to the atmosphere keep all containers closed or covered. Eyewash stations are recommended in the workplace. If eye irritation is encountered the use of a full facepiece respirator is recommended. Mechanical ventilation is recommended in enclosed workspaces. Area should be evacuated of all non essential personnel prior to application of product.
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8. Exposure Controls & Personal Protection

Personal Protective Equipment				
Gloves natural rubber	Respirator NIOSH TC-23C for organic vapor + dust & mist prefilter		Eye goggles	
Footwear n. ap.	Clothing coveralls or equivalent		Other n. ap.	
Exposure Guidelines				
* none established for product *				
	OSHA		ACGIH	
	TWA	STEL	TWA	STEL
Ethanoic acid	10 ppm	15 ppm	10 ppm	15 ppm

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9. Physical & Chemical Properties

Physical state liquid	Odor and appearance white liquid, pungent vinegar like odor	
Odor threshold (ppm) Ethanoic acid 24 ppm	Vapor pressure (mm Hg) n. av.	Vapor density (Air=1)
Evaporation rate (butyl acetate = 1) n. av.	Boiling point 212 °F (100 °C)	Freezing point
pH 2.2	Specific gravity 1.0	Coefficient water/oil distribution
Solubility in water 100 %	Viscosity n. av.	% Volatiles (by weight) 100

10. Stability & Reactivity

Chemical stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If no, under which conditions ?
Incompatibility with other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, under which conditions ? avoid strong oxidizing agents
Reactivity, and under what conditions? stable under normal conditions	
Hazardous decomposition Carbon monoxide and/or carbon dioxide as thermal decomposition by-products	

11. Toxicological Information

Route of Entry			
Skin contact <input checked="" type="checkbox"/>	Skin absorption <input type="checkbox"/>	Eye contact <input checked="" type="checkbox"/>	Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>
No toxicity studies have been conducted on the product			
Ethanoic acid LD ₅₀ oral, rat 3310 mg/kg LD ₅₀ dermal, rabbit 1060 mg/kg			
Carcinogenicity no	Mutagenicity no	Teratogenicity no	Reproductive toxicity no
Synergistic products no	Sensitization no	Neurotoxicity no	Target organs skin and eyes

12. Ecological Information

n. av.

Urinse Pre Spotter

13. Disposal Considerations

Do not dispose of product in storm or sanitary sewer systems.
Do not allow discharge into groundwater or a watercourse.
If product is to be disposed of, contact a licensed or registered waste disposal firm to incinerate the product.

14. Transport Information

Shipping name NOT REGULATED

Hazard class

UN Identification #

15. Regulatory Information

This material safety data sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Hazardous Products Act (Can.) and the Controlled Products Regulations (Can.) This product has been classified in accordance with the hazard criteria of the CPR (Can.) and the MSDS contains all the information required by the CPR (Can.).

This product is classed as a **skin and eye irritant** - 29 CFR 1910.1200 and Controlled Products Regulations (Can.)

WHMIS classification **D2B**

This product is not subject to the reporting requirements of Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA) 1986 and 40 CFR part 372

16. Other Information

This product is used as a commercial cleaning product

For chemical emergency during transportation call INFOTRAC (US) **1-800-535-5053** (INT'L) **1-352-323-3500**

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abbreviations

n. av. = not available n. ap. = not applicable ppm = parts per million mm Hg = millimeters of Mercury
cs = centistokes PMCC = Pensky Martens Closed Cup TCC = Tagliabue Closed Cup COC = Cleveland Open Cup
TWA = time weighted average STEL = short term exposure limit LD= lethal dose LC=lethal concentration