



Material Safety Data Sheet

Section 1. PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT: SJS-19 CLEAN GREEN WATERFREE URINAL CLEANER-DEODORIZER CONCENTRATE
Product Code: 0700019

COMPANY: Sloan Valve Co.
10500 Seymour Ave.
Franklin Park, Illinois 60131-1259

Emergency Tel: (800) 424-9300
Telephone: (877) 652-6726
Fax: (800) 447-8329

PRODUCT TYPE OR USE: Acidic Cleaner.

Section 2. EMERGENCY OVERVIEW

Appearance: A clear, colorless liquid with a slight acidic odor.

Possible Health Effects: Causes severe irritation to eyes on contact. May cause irritation of skin by prolonged contact. Harmful if swallowed.

Section 3. HAZARDOUS INGREDIENTS /INFORMATION ON COMPOSITION

	CHEMICAL	CAS #	PERCENT RANGE	TLV	OSHA
Chemical Identity:	Lactic acid	50-21-5	45 - 50	NA	NA
	Citric acid	77-92-9	<7	NA	NA

Section 4. POTENTIAL HEALTH EFFECTS

HMIS: Health 2 Flammability 0 Reactivity 0 Personal Protection B (Safety glasses, gloves)

Eye Contact: Causes severe eye irritation on contact.

Skin Contact: May cause skin irritation upon prolonged contact.

Inhalation: May cause irritation if mist is breathed for prolonged time.

Ingestion: May cause upset stomach, vomiting, or nausea if swallowed.

Carcinogenicity: Ingredients are not listed by NTP, OSHA, or IRAC.

Section 5. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water while removing contact lenses if present. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash with water. If irritation develops, get medical attention.

Ingestion: Harmful if swallowed. Do not induce vomiting. Contact a Poison Center or Physician.

Inhalation: Move to fresh air. If breathing difficulty continues, get medical attention.

Section 6. FIRE FIGHTING MEASURES

NFPA Health 2 Fire 0 Reactivity 0

Flash Point: >220°F (TCC) **Lower Explosion Limit:** NA **Upper Explosion Limit:** NA

Extinguishing Media: Water spray, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Standard fire fighting procedures may be followed, including wear of full protective gear and NIOSH self-contained breathing apparatus in fire area.

Unusual Fire and Explosive Hazards: None known.

Products of Combustion in Fire: Forms oxides of carbon.

Section 7. ACCIDENTAL RELEASE MEASURES

Contain spill. Mop up and clean surface with water. Discharge small amounts of diluted chemicals to a sanitary sewer. Avoid falls, clean up spills immediately. Spills of this product do not need to be reported to the National Response Center.

Section 8. STORAGE AND HANDLING

Store in original package at room temperature. If frozen, warm to room temperature and mix contents by slowly inverting the cartridge several times before dilution in spray bottle. Keep Out Of Reach Of Children. If liquid contacts skin while installing in dilution bottle, wash skin and hands with water.

Other Precautions: Use only in accordance with label directions. Dilute concentrate before use. If unsure of proper installation in spray dilution bottle, contact your supervisor.

Do not mix with bleach or other chemicals.



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Section 9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection: Safety glasses or chemical goggles.

Skin Protection: Rubber or chemical resistant gloves (latex or neoprene) to prevent skin contact.

Respiratory Protection: None required under normal use conditions.

Ventilation: None required under normal use conditions. Local exhaust when necessary.

Clothing or Other Protective Equipment: None required under normal use conditions.

Work Hygiene Practice: Never eat or smoke when handling chemicals. Wash thoroughly after applying product.

Section 10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear, colorless liquid, with a slight acidic odor.

Vapor Pressure (mm Hg): Not determined for mixture.

pH (conc.): 1.8

Solubility in Water: Complete

Specific Gravity (Water = 1): 1.130

Percent Volatiles by Wt.: >40%

Evaporation Rate (water = 1): > 1.0

Section 11. STABILITY AND REACTIVITY

Stability: Product is stable. Slight separation may occur if frozen and thawed.

Reactivity: Non-reactive.

Polymerization: Will not occur.

Incompatibility: Do not mix with other chemicals. Do not add chlorine bleach to a urinal or other fixture while treating with this product. Toxic gases may be generated.

Section 12. TOXICOLOGICAL INFORMATION

No acute or chronic effects are expected when product is used according to directions.

Section 13. ECOLOGICAL CONSIDERATIONS

No ecological or special considerations are expected when used according to directions. Not considered environmentally harmful from normal dilution, expected usage, and typical drainage to sewers, septic systems and treatment plants.

Ecotoxicity: Not determined. Do not discharge undiluted product into lakes, streams or waterways.

Section 14. DISPOSAL CONSIDERATIONS

Not a regulated hazardous waste under RCRA regulations. No special considerations are required when product is disposed of according to local, state, and Federal regulations.

Container Disposal: Do not reuse cartridge. Empty diluted product into bathroom fixture designed to be treated with this product. Rinse empty container with water. Recycle or discard empty concentrate cartridge in trash or by other requirements in accordance with local, state or Federal regulations.

Section 15. REGULATORY AND OTHER INFORMATION

MSDS Issued: 3-31-07 **MSDS Revised:** NA

Abbreviations: NA = Not applicable/Not available, NE = Not established.

Transportation Information: US DOT (Ground) : Compound Cleaning or Deodorizing, Non Regulated.

SARA 313: This product contains no ingredients required to be reported for Section 313, Title III, Superfund Act, and 40 CFR: 372.

TSCA: All ingredients are listed under the Toxic Substances Control Act or exempt per reference 15 USC 2602 (2) (B).

California Safe Drinking Water Act, Prop. 65: This product contains no chemicals on the subject list.

Notice: The information herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. Information may be changed without notice when additional information is obtained.