

**D. WILLIAMS & CO**  
1019 85th Ave SE  
Olympia, WA 98501  
Emergency Phone: (360) 956-3997

N/A = NOT APPLICABLE  
NA = NOT AVAILABLE

**MATERIAL SAFETY DATA SHEET**  
**PRODUCT NAME:**  
Spa System Flush

Prepared by: D. Williams in accordance with OSHA and WHMIS requirements. Date: December 31, 2001

CHEMICAL FAMILY: Mixture FORMULA: Trade secret. Mixture of proprietary ingredients and water.

HAZARDOUS INGREDIENTS (CAS #):	%	EXPOSURE LIMITS, ppm:	ACGIH TLV	OSHA-PEL
NONE	N/A		N/A	N/A

This product contains no ingredients considered hazardous according to the criteria of 29 CFR 1910.1200 or listed on the Ingredient Disclosure List. This product contains no chemical regulated under SARA 313 as a reportable substance.

CARCINOGENIC INGREDIENTS: Contains no known or suspected carcinogens.

**PHYSICAL PROPERTIES:**

Boiling Point: about 200 degrees F	% Volatiles: N/A (non-volatile mixture)
Solubility in Water: Appreciable	% Volatile Organic Content (VOC): 0
Specific Gravity - Liquid (H <sub>2</sub> O=1): 1.01-1.02	Vapor Pressure: N/A
Odor and Appearance: Blue liquid; mild scent	Vapor Density: N/A
PH (as is): 8.0-9.5	

**FIRE AND EXPLOSION DATA:**

Flash Point: None	Flammability Limits: N/A
Extinguishing Media: Water, CO <sub>2</sub> , foam, dry chemical	
Special Firefighting Procedure: None	Unusual Hazards: None

**HEALTH EFFECTS:**

Effects of overexposure: May cause minor temporary eye irritation. Ingestion may cause nausea or diarrhea.	% Volatiles: N/A
Chronic effects of overexposure: None known or expected	% Volatile Organic Content (VOC): 0
Medical conditions that may be aggravated by exposure: None known or expected	Vapor Pressure: N/A
Primary routes of entry: Ingestion	Vapor Density: N/A

**EMERGENCY AND FIRST AID PROCEDURES:**

Eye Contact: Flush thoroughly with plenty of water for several minutes. If irritation persists, see a physician.  
Skin Contact: Flush thoroughly from skin with water. If irritation persists, see a physician.  
Ingestion: Drink plenty of water and call a physician immediately.  
Inhalation of dust: N/A

**REACTIVITY DATA:**

Stability: Stable	Hazardous Polymerization: Will not occur.
Incompatibility: None	Hazardous Decomposition Products: None
Conditions to avoid: None	

**SPILL OR LEAKAGE PROCEDURES:**

Steps to be taken if material is released or spilled: Mop up or absorb liquid. Scrub area well to reduce slipperiness.  
Waste disposal method: According to local, state, or federal ordinances. Not a hazardous or registered waste.

**SPECIAL PROTECTION INFORMATION:**

Ventilation: No special ventilation required.  
Respiration Protection: None required.  
Eye Protection: None required.  
Protective Gloves: None required.  
Other Protective Equipment: None required.

**SPECIAL PRECAUTIONS:**

Precautions to be taken in handling and storage: Store in a closed container in a dry place. Wash thoroughly after handling.  
KEEP OUT OF REACH OF CHILDREN  
Other Precautions: None

**HAZARD RATING:**

Health: 0	0 = Minimal	3 = Serious
Fire: 0	1 = Slight	4 = Severe
Reactivity: 0	2 = Moderate	