
SAFETY DATA SHEET: ECO FLOW FLUSH CONCENTRATE

SECTION 1: IDENTIFICATION

- **Product Name:** Eco Flow Flush (Concentrate)
- **Recommended Use:** Tankless Water Heater Flush & Descaler
- **Manufacturer:** FLOW STATE FLUSH
- **Address:** 1281 E MAGNOLIA ST #218 FORT COLLINS CO 80524
- **Emergency Phone:** (970)8173323

SECTION 2: HAZARDS IDENTIFICATION

- **Classification:** * Skin Irritation (Category 2)
 - Eye Irritation (Category 2A)
- **Signal Word:** **WARNING**
- **Hazard Statements:** * H315: Causes skin irritation.
 - H319: Causes serious eye irritation.
- **Precautionary Statements:** * P264: Wash hands thoroughly after handling.
 - P280: Wear protective gloves/eye protection.
 - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% Weight (Approx)
Citric Acid	77-92-9	60-80%
Sulfamic Acid	5329-14-6	20-35%

SECTION 4: FIRST AID MEASURES

- **Inhalation:** Move to fresh air. If irritation persists, seek medical attention.
- **Skin Contact:** Wash with plenty of soap and water. If irritation occurs, get medical advice.
- **Eye Contact:** Flush with water for at least 15 minutes. Remove contact lenses. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth. **Do NOT induce vomiting.** Drink 1-2 glasses of water. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

- **Extinguishing Media:** Water spray, dry chemical, or CO₂.
- **Specific Hazards:** May emit toxic fumes (Sulfur oxides) under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear PPE (gloves/goggles).
- **Cleanup:** Contain spill. Neutralize with baking soda or lime. Sweep up/mop and place in a waste container. Do not flush large amounts of concentrate into drains.

SECTION 7: HANDLING AND STORAGE

- **Handling:** Avoid contact with eyes/skin. Do not breathe dust if mixing dry powder.
- **Storage:** Keep container tightly closed in a cool, dry, well-ventilated place. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Eye Protection:** Safety glasses or goggles.
- **Skin Protection:** Chemical-resistant gloves (Nitrile/Latex).
- **Engineering Controls:** Ensure adequate ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Liquid (or powder blend) with orange/purple tint.
- **Odor:** Odorless to slight vegetable scent.
- **pH (Concentrate):** < 2.0
- **Solubility:** 100% water-soluble.

SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions.
- **Incompatible Materials:** Strong bases (bleach/chlorine), oxidizers, and reactive metals (Zinc/Galvanized steel).
- **Reactivity:** Mixing with bleach will release toxic gas.

SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Low. Citric and Sulfamic acids are mild to moderate irritants.
- **Carcinogenicity:** None of the ingredients are listed as carcinogens by IARC or NTP.

SECTION 12: ECOLOGICAL INFORMATION

- **Biodegradability:** Product is considered readily biodegradable.
- **Toxicity:** High concentrations may lower pH in aquatic environments.

SECTION 13: DISPOSAL CONSIDERATIONS

- Dispose of contents/container in accordance with local/regional regulations. Neutralized solution (pH 6-8) is generally safe for sanitary sewers.

SECTION 14: TRANSPORT INFORMATION

- **DOT:** Not regulated for ground transport in small quantities (Consumer Commodity).

SECTION 15: REGULATORY INFORMATION

- **TSCA:** All ingredients are listed on the TSCA inventory.

SECTION 16: OTHER INFORMATION

- **Revised Date:** [2/26/26]
 - **Disclaimer:** The information provided is correct to the best of our knowledge at the date of publication.
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