

**SECTION 1: IDENTIFICATION**

MSDS ID: MSDSP233

PRODUCT NAME: **PRESTONE SUPER FLUSH**

**AS-107**

Formula: 13616-6A, 13616-6B

MANUFACTURER: Prestone Products Corporation  
39 Old Ridgebury Road  
Danbury, CT 06810-5109

INFORMATION PHONE NUMBER: (203) 830-7800

EMERGENCY PHONE NUMBER: CHEMTREC 1-800-424-9300  
483-7161 in the District of Columbia

DATE OF MSDS PREPARATION/REVISION: 9/22/95

**SECTION 2: PRODUCT COMPONENTS**

This product has been tested and found not to be hazardous as defined in the OSHA Hazard Communication Standard, 29CFR 1910.1200.

Non-Hazardous Components > 1%

Water	60-90%	7732-18-5
Sodium Citrate	7-13%	68-04-2

**SECTION 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

Clear liquid with a slight, sweet odor. This material is not combustible. Direct eye contact may cause transient discomfort. Not toxic by inhalation, skin contact or ingestion.

**POTENTIAL HEALTH EFFECTS:**

**ACUTE HAZARDS**

**INHALATION:** No evidence of adverse effects from the available information.

**SKIN CONTACT:** No evidence of adverse effects from the available information.

**SKIN ABSORPTION:** No evidence of adverse effects from the available information.

**EYE CONTACT:** No evidence of adverse effects from the available information. Direct contact may cause transient discomfort.

**INGESTION:** No evidence of adverse effects from the available information.

**CHRONIC HAZARDS:** None currently known.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None currently known.

**CARCINOGEN:** None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

## **SECTION 4: FIRST AID MEASURES**

**INHALATION:** No adverse effects are expected.

**SKIN CONTACT:** Remove contaminated clothing and wash skin with soap and water.

**EYE CONTACT:** Immediately flush with water, holding open eyelids. Seek medical attention if irritation persists.

**INGESTION:** No harmful effects expected.

**NOTES TO PHYSICIAN:** There is no specific antidote. Treatment should be directed at the control of symptoms and the clinical condition.

## **SECTION 5: FIRE AND EXPLOSION DATA**

**FLASH POINT:** None to Boiling

**AUTOIGNITION TEMPERATURE:** Not Applicable

**FLAMMABILITY LIMITS:** Not applicable

**EXTINGUISHING MEDIA:** Use any media that is appropriate for the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** None needed.

**UNUSUAL FIRE HAZARDS:** None known.

**HAZARDOUS COMBUSTION PRODUCTS:** Burning may produce oxides of sodium and carbon.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Wear appropriate protective clothing and equipment (See Section 8).  
Collect with absorbent material and place in appropriate, labeled container for disposal or, if permitted flush spill area with water.

## **SECTION 7: HANDLING AND STORAGE**

Avoid eye and prolonged or repeated skin contact.  
Do not reuse empty containers unless properly cleaned.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**VENTILATION:** General ventilation is adequate for normal use.

**RESPIRATORY PROTECTION:** None normally needed.

**GLOVES:** None normally needed. For prolonged contact rubber or neoprene gloves can be worn.

**EYE PROTECTION:** Safety glasses or goggles recommended if splashing is possible.

**OTHER PROTECTIVE EQUIPMENT/CLOTHING:** Appropriate protective clothing as

needed to minimize skin contact.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: Clear liquid with a slight sweet odor. There is no odor threshold data for this product.

pH: 8.5 - 9.9      SPECIFIC GRAVITY: 8.9 lbs/gal  
BOILING POINT (F): 215 F      VAPOR PRESSURE: same as water  
MELTING POINT (F): 27 F      VAPOR DENSITY: same as water  
SOLUBILITY IN WATER: Complete      EVAPORATION RATE: 0.8 (Butyl Acetate=1)  
PERCENT VOLATILE: 87%      VISCOSITY: Not determined

## **SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Stable  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY: None known.  
DECOMPOSITION PRODUCTS: Burning will produce oxides of carbon and sodium.  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: None known.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

No toxicity data is available at this time.

## **SECTION 12: ECOLOGICAL INFORMATION**

No ecotoxicity data is currently available for this product, however, it does contain 0.4% of a biocide.

## **SECTION 13: DISPOSAL INFORMATION**

Dispose of product in accordance with all local, state/provincial and federal regulations.

## **SECTION 14: TRANSPORT INFORMATION**

U.S. DOT HAZARD CLASSIFICATION: Not regulated

DOT MARINE POLLUTANTS: This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

IMDG CODE SHIPPING CLASSIFICATION: Not regulated

## **SECTION 15: REGULATORY INFORMATION**

EPA SARA 311/312 HAZARD CLASSIFICATION: Not hazardous

EPA SARA 313: This Product Contains the Following Chemicals  
Subject to Annual Release Reporting Requirements Under SARA Title III,  
Section 313 (40 CFR 372): None

PROTECTION OF STRATOSPHERIC OZONE: This product is not known to contain  
or to have been manufactured with ozone depleting substances as defined  
in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65 - This product does not contain substances known to the State of California to cause Cancer and/or Reproductive Harm.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the ingredients are listed on the Canadian Domestic Substances List.

CANADIAN WHMIS CLASSIFICATION: Not a controlled product.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

(EINECS) : All of the ingredients are listed on the EINECS inventory.

AUSTRALIA: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

JAPAN: All of the ingredients of this product are listed on the Japanese Existing and New Chemical Substances (MITI) List.

## **SECTION 16: OTHER INFORMATION**

NFPA RATING (NFPA 704) - FIRE: 0

HEALTH: 0

REACTIVITY: 0

This MSDS is directed to professional users and bulk handlers of the product. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations.

While Prestone Products Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Prestone Products Corporation assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

If more information is needed, please contact:

James L. Ottowitz  
Prestone Products Corporation  
39 Old Ridgebury Road  
Danbury CT 06810-5109  
(203)830-7865