

# MATERIAL SAFETY DATA SHEET

MSDS-70276

PRESTONE Super Flush

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|--|---|--|--|
| <b>Honeywell</b><br>3333 Unity Drive<br>Mississauga, Ontario L5L 3S6<br>(800) 668-9349                                   | <b>Emergency Telephone</b><br>(24 Hours)<br><b>CANUTEC</b><br>(613) 996-6666                  | <b>HAZARD RATING</b><br>4 = Extreme<br>3 = High<br>2 = Moderate<br>1 = Slight<br>0 = Insignificant<br>NFPA Hazard Identification | Fire - 0<br>Health - 0<br>Reactivity - 0<br>Specific |
| <b>POISON CONTROL CENTRES</b>  |   |  |  |
| <u>ONTARIO</u><br>Toronto (416) 598-5900 or 1-800-268-9017<br>Ottawa (613) 737-1100 or 1-800-267-1373 (French & English) | <u>QUEBEC</u><br>Ste. Foy (418) 656-8090 or 1-800-463-5060                                    |  |  |
| <u>ATLANTIC REGION</u><br>Halifax (902) 428-8161<br>St. John's (709) 722-1110  | <u>WESTERN CANADA</u><br>Vancouver (604) 682-5050<br>Calgary (403) 670-1414 or 1-800-332-1414 |  |  |

## Section I: Identification

**PRODUCT NAME:** Prestone Super Flush

**TYPE:** Aqueous Surfactant Solution

**STOCK:** 70276

**FORMULA:** AS-107

## Section II: Physical Data

**BOILING POINT @ 760 mm Hg:** Approx. 100°C (212°F)

**FREEZING POINT:** -2.78°C (27°F)

**DENSITY @ 20°C:** 1.06% kg/L

**VAPOUR DENSITY (Air = 1):** 0.6

**VAPOUR PRESSURE @ 20°C:** 18 mm Hg

**ODOUR THRESHOLD:** Not Available

**pH:** Approx. 9.0

**% VOLATILES BY VOLUME:** 87

**SOLUBILITY IN WATER, % BY WT:** 100

**EVAPORATION RATE (Butyl Acetate = 1):** 0.8

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**APPEARANCE AND ODOUR:**

Clear liquid, slight sweet odour

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## Section III. Hazardous Ingredients

This product has been tested and found not to be hazardous under the OSHA Hazard Communication Standard (29 CFR 1910, 1200). None of the ingredients in this product are listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

CAS #: Not Available  
TLV: Not Available  
LD50: Not Available  
LD50: Not Available

## Section IV. Fire and Explosion Hazard Data

FLASH POINT: Tag Closed Cup: None to boiling  
Tag Open Cup: None to boiling  
Pensky-Martens Closed Cup: None to boiling

FLAMMABLE LIMITS IN AIR, % BY VOLUME: Lower: Not Available  
Upper: Not Available

AUTOIGNITION TEMPERATURE: Not Available

### EXTINGUISHING MEDIA:

Water fog, foam, alcohol foam, carbon dioxide and dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: None

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Combustion of dry residue may produce carbon dioxide and oxides or sulphur.

## Section V. Health Hazard Data

ROUTES OF EXPOSURE: Ingestions, inhalation, skin and eye contact.

### EFFECTS OF SINGLE OVEREXPOSURE:

SWALLOWING: No evidence of adverse effects from available information.

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

INHALATION: No evidence of adverse effects from available information.

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

EYE CONTACT: No evidence of adverse effects from available information.

### EFFECTS OF REPEATED OVEREXPOSURE:

No information available.

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## Section V. Health Hazard Data (Cont'd)

### OTHER EFFECTS OF OVEREXPOSURE:

None expected.

### MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggest that overexposure is unlikely to aggravate existing medical conditions.

### SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARDS:

None currently known.

### EMERGENCY AND FIRST AID PROCEDURES:

**SWALLOWING:** No harmful effects expected.

**SKIN:** Flush all affected and exposed areas with plenty of water.

**INHALATION:** No harmful effects expected.

**EYES:** Exposed eyes should be immediately flushed with copious amounts of clean water, using a steady stream for a minimum of 15 minutes.

### NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of over-exposure should be directed at the control of symptoms and the clinical condition.

## Section VI: Reactivity Data

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY (Material to Avoid):** None

### HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

Will not burn. If evaporated to dryness, combustion of residue may produce carbon monoxide, carbon dioxide and oxides of sulphur.

## Section VII: Spill or Leak Procedures

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear suitable personal protective equipment. Collect for disposal. Large spills may be absorbed on vermiculite or other suitable material.

### WASTE DISPOSAL METHOD:

Incineration or landfilling should be carried out in accordance with federal, provincial and local regulations.

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## Section VIII: Special Protection Information

(for manufacturing and bulk spill cleanup)

### RESPIRATORY PROTECTION:

None required for normal use.

### VENTILATION:

General (mechanical) ventilation is adequate for normal use.

### PROTECTIVE GLOVES:

None required for normal handling.

### OTHER PROTECTIVE EQUIPMENT:

Eye bath and safety shower.

## Section IX: Special Precautions

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

None indicated.

### OTHER PRECAUTIONS:

Observe all requirements of plant, company or government regulations.

KEEP OUT OF REACH OF CHILDREN.

## Section X: Transportation

**TDG CLASSIFICATION:** Not Regulated

**WHMIS CLASSIFICATION:** Not Regulated

**PREPARED BY:** Honeywell  
(800) 668-9349

**DATE OF ISSUE:** December 17, 2001

**SUPERSEDES:** January 17, 2000

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

While Honeywell 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 Honeywell 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, provincial and local laws and regulations.

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