MATERIAL SAFETY DATA SHEET

Hillyard Floor Care PO Box 909 St. Joseph, MO 64502-9964

GENERAL INFORMATION NUMBER: (816) 233-1321 REVISION DATE: September 30, 2014

DATE OF ISSUE: October 17, 2014

I - Product Identification

Drain Maintainer

PRODUCT CODE: 0253

CHEMICAL FORMULATION: Drain opener.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0 HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

APPROX OSHA ACGIH EPA 40 CFR:

<u>SUBSTANCE</u> % <u>PEL</u> <u>TLV</u> 302 355 372 <u>CAS #</u>

Contains no hazardous components as defined in 29 CFR 1910.1200

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit

N/A: Not Applicable

N/D: Not Determined

N/E: Not Established

Y: Yes

N: Not

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR = 1): N/D

SPECIFIC GRAVITY (WATER = 1): 1.12

VOC CONTENT (% by weight): None

EVAPORATION RATE (WATER = 1): N/D

SOLUBILITY IN WATER: Soluble **pH:** > 12.0

APPEARANCE AND ODOR: Clear colorless liquid; mild odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/A (TEST METHOD): Closed cup

FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/D LOWER: N/D

EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: None.

V - Reactivity Data

STABILITY: Stable under normal temperatures and pressures.

INCOMPATIBILITY: Do not mix with acids or strong oxidizing agents.

CONDITIONS TO AVOID: Incompatible materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with some metals (including tin, zinc, aluminum) may produce flammable hydrogen gas.

HAZARDOUS POLYMERIZATION: Will not occur.

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: X EYE CONTACT: X SKIN CONTACT: X INGESTION: X INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None. <u>EFFECTS OF OVEREXPOSURE</u>

IF IN EYES: May cause eye irritation.

IF ON SKIN: May cause skin irritation. Low hazard for usual industrial handling.

IF SWALLOWED: Ingestion of large amounts may cause gastrointestinal irritation. Low hazard for usual industrial handling.

IF INHALED: May cause respiratory tract irritation. Low hazard for usual industrial handling.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush with water for at least 15 minutes while holding eyelids open. Call a physician if irritation persists. If worn, remove contacts after first 5 minutes.

IF ON SKIN: Remove contaminated clothing. Wash exposed area with soap and water for at least 15 minutes. Launder clothes before reuse. Call a physician if rash or other symptoms develop.

IF SWALLOWED: If ingested, may cause loose stools. Drink plenty (2-3 glasses) of water and immediately consult a physician. Do not induce vomiting.

IF INHALED: Remove person to fresh air, if symptoms persist, seek medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Rinse residue with water.

WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

VENTILATION

LOCAL: Recommended

MECHANICAL: Not required

VENTILATION LOCAL: Recommended **PROTECTIVE GLOVES:** Chemical resistant are suggested for use.

EYE PROTECTION: Safety glasses or goggles are suggested for use.

OTHER PROTECTIVE EQUIPMENT: Emergency shower and eye wash station. Protective clothing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from incompatible materials.

Do not mix with any other cleaning chemicals. Keep container tightly closed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT ID #: None
DOT CLASS: None
DOT PROPER SHIPPING NAME: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

REVISION DATE: September 30, 2014 Prepared by: Technical Dept. DATE OF ISSUE: October 17, 2014

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Hillyard Floor Care assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.