

# SAFETY DATA SHEET

Date Prepared : 11/10/2014

SDS No : 3100-SDS

## Drain Free

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Drain Free  
**GENERAL USE:** Liquid Non-Acid Drain Opener  
**PRODUCT CODE:** 3100

**MANUFACTURER**

Perform Manufacturing  
1624 S. 45th St.  
Kansas City, KS 66106

**Emergency Phone:** 800-423-9861**Customer Service:** 913-722-1557**Transportation:** 800-535-5053**E-Mail:** sales@performmfg.com**24 HR. EMERGENCY TELEPHONE NUMBERS**

Infotrac 800-535-5053

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

Skin Corrosion, Category 1A  
Serious Eye Damage, Category 1

**GHS LABEL**

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)



Corrosion

**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

**PRECAUTIONARY STATEMENTS****Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage:**

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

**EMERGENCY OVERVIEW****PHYSICAL APPEARANCE:** Colored Liquid**ROUTES OF ENTRY:** Dermal contact. Eye contact. Inhalation. Ingestion.**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Potassium Hydroxide	< 60	1310-58-3
Sodium Dichromate	< 0.5	10588-01-9

**4. FIRST AID MEASURES**

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or Poison Control Center Immediately.

**SKIN:** Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. Call a POISON CENTER or doctor / physician. Remove and wash contaminated clothing before re-use.

**INGESTION:** Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center.

**INHALATION:** Move to fresh air in case of accidental inhalation of vapors or decomposition products. Get medical attention immediately if symptoms occur.

**NOTES TO PHYSICIAN:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**5. FIRE FIGHTING MEASURES**

**GENERAL HAZARD:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**OTHER CONSIDERATIONS:** In a fire or if heated, a pressure increase will occur and the container may burst.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SENSITIVE TO STATIC DISCHARGE:** None Expected.

**SENSITIVITY TO IMPACT:** None Expected.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**LARGE SPILL:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

**GENERAL PROCEDURES:** No action should be taken involving and personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. put on appropriate personal protective equipment.

**7. HANDLING AND STORAGE**

**HANDLING:** Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**STORAGE:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield

**SKIN:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**RESPIRATORY:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**PROTECTIVE CLOTHING:** Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions require.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Typical

**APPEARANCE:** Colored Liquid

**pH:** 13 to 14

**FLASH POINT AND METHOD:** NA = Not Applicable

**AUTOIGNITION TEMPERATURE:** No data available

**VAPOR PRESSURE:** No data available

**VAPOR DENSITY:** No data available

**BOILING POINT:** (212°F) to (431°F)

**FREEZING POINT:** No data available

**MELTING POINT:** No data available

**THERMAL DECOMPOSITION:** No data available

**SOLUBILITY IN WATER:** Completely soluble

**SPECIFIC GRAVITY:** 1.24 to 1.270

**VISCOSITY:** No data available

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable under recommended storage conditions.

**POLYMERIZATION:** Hazardous polymerization does not occur.

**CONDITIONS TO AVOID:** None known.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxodies

**INCOMPATIBLE MATERIALS:** Acids, Metals, Organic materials and bases.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Causes serious eye damage.

**SKIN EFFECTS:** Causes severe skin burns.

**CHRONIC:** No data available

**SUBCHRONIC:** No data available

**REPEATED DOSE EFFECTS:** No data available

**CORROSIVITY:** Severely corrosive to skin and eyes.

**NEUROTOXICITY:** No data available

**GENETIC EFFECTS:** No data available

**REPRODUCTIVE EFFECTS:** No data available

**TARGET ORGANS:** No data available

**TERATOGENIC EFFECTS:** No data available

**MUTAGENICITY:** No data available

**SYNERGISTIC MATERIALS:** No data available

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

**ECOTOXICOLOGICAL INFORMATION:** Harmful to aquatic life.

**AQUATIC TOXICITY (ACUTE):** No data available

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**EMPTY CONTAINER:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Corrosive Liquid N.O.S.

**TECHNICAL NAME:** (Contains: Caustic Potash)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** II

**LABEL:** Corrosive

**OTHER SHIPPING INFORMATION:** All products offered for domestic ground transportation that meet the following Exceptions for Class 8 (corrosive materials) will be packaged and shipped as "Limited Qty".

(1) For corrosive materials in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For corrosive materials in Packing Group III, inner packagings not over 5.0 L (1.3 gallon) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Acute Health Hazard

**313 REPORTABLE INGREDIENTS:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt.%	CERCLA RQ
Potassium Hydroxide	< 60	1,000
Sodium Dichromate	< 0.5	10

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Potassium Hydroxide	1310-58-3
Sodium Dichromate	10588-01-9

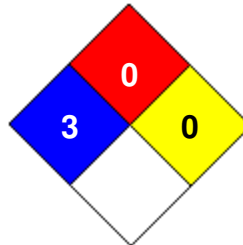
**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**16. OTHER INFORMATION**

**PREPARED BY:** Kevin E Hall    **Date Prepared:** 11/10/2014

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>3</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>B</b>

**NFPA CODES**

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