

MATERIAL SAFETY DATA SHEET

N/A - Not Applicable
AS-137

(Prepared According To 29 CFR 1910.1200)

Effective Date - 08-04-97

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: ALKALINE DRAIN OPENER
Supplier's Name: UNISOURCE WORLDWIDE, INC
Supplier's Address: POST OFFICE BOX 958
VALLEY FORGE, PA.
19482

Chemical Family: CLEANING COMPOUND
Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, UN3266, II (CONTAIN POTASSIUM HYDROXIDE)

SECTION 2 - INGREDIENTS

CHEMICAL NAME	OSHA/PEL	ACGIH/TLV	CAS NO.
POTASSIUM HYDROXIDE	N.E.	2MG/M3	1310-58-3

SECTION 3 - PHYSICAL DATA

Specific Gravity: 1.40
Solubility in Water: COMPLETE
Physical Description: HEAVY RED LIQUID
Odor: ODORLESS
Boiling Point: >212F

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (Method Used): NONE
Extinguishing Media: AS REQUIRED BY SURROUNDING FIRE
Special Fire Fighting Procedures: WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS
Unusual Fire and Explosion Hazards: DILUTION WITH WATER MAY RELEASE HEAT

SECTION 5 - REACTIVITY DATA

Stability: STABLE
Conditions to Avoid: EXTREME TEMPERATURES
Polymerization: WILL NOT OCCUR
Conditions to Avoid: NONE
Incompatibility (Materials to Avoid): STRONG ACIDS, ALUMINUM
Hazardous Decomposition Products: CO, CO2

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
STORE IN COOL, DRY PLACE. KEEP CONTAINER CLOSED
WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
SEVERITY OF INJURY DEPENDS LARGELY ON PRODUCT
CONCENTRATION AND DURATION OF EXPOSURE. IMMEDIATE
ACTION IS NECESSARY TO LIMIT SEVERITY OF INJURY.
CAN CAUSE MINOR IRRITATION TO SEVERE BURNS AND
TISSUE DAMAGE TO EXPOSED AREAS OF BODY.

Other Precautions:
DANGER. CORROSIVE. AVOID SKIN CONTACT.

Carcinogenicity:
NTP: NO
IARC: NO
OSHA: NO

First Aid Procedures

Skin:
REMOVE CONTAMINATED CLOTHING AND IMMEDIATELY WASH EXPOSED AREA
WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF NECESSARY.

Eyes:
FLUSH EYES IMMEDIATELY WITH LARGE AMOUNT OF WATER FOR 15 MINUTES.
LIFTING THE EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION AT ONCE.

Inhalation:
MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, ADMINISTER
ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion:
GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. DO
NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 8 - PERSONAL PROTECTION INFORMATION

Respiratory Protection: DUST MASK IF NECESSARY.

Ventilation: ADEQUATE VENTILATION

Protective Gloves: RUBBER GLOVES

Eye Protection: SAFETY GOGGLES

Other Protective Equipment: AS REQUIRED TO LIMIT SKIN CONTACT. WASH HANDS THOROUGHLY AFTER USE.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
CONTAIN LARGE SPILLS AND PUMP TO RECOVER. SMALL SPILLS CAN BE
MOPPED UP AND RECOVERED. CONTAMINATED AREA SHOULD BE NEUTRALIZED.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL
REGULATIONS.

Distributor: Unisource Worldwide, Inc. - P.O. Box 958 - Valley Forge, PA 19482

Infotrac Emergency Phone: 1-800-535-5053 CODE-AB

Disclaimer: Unisource Worldwide, Inc. and the manufacturer believe that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.