

AMERIWEST WATER SERVICES INC.

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KlearWell 486 ChlorStop

CHEMICAL FAMILY NAME: Chlorine neutralizer

NFPA HAZARD RATINGS (H-F-R): 1-0-0

HMIS HAZARD RATINGS (H-F-R):

DISTRIBUTOR: AmeriWest Water Services, Inc.

P.O. Box 44683

Boise, ID 83711

IN CASE OF EMERGENCY CALL: 1-800-424-9300

2. COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS: The composition of this mixture is proprietary information. In the event of a medical emergency, contact CHEMTREC @ 1-800-424-9300.

This product is considered hazardous under the OSHA Hazard Communication Standard since the addition of water to dry product could cause violent splashing.

3. HAZARDOUS IDENTIFICATION

EMERGENCY

OVERVIEW: May be harmful if swallowed or inhaled. May cause irritation to skin, eyes, and respiratory tract.

POTENTIAL HEALTH EFFECTS:

SKIN CONTACT: Irritation may occur from prolonged contact.

EYES: May cause mechanical irritation.

INGESTION: Low level of toxicity. Diarrhea may occur by ingestion of large quantities.

INHALATION: May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

MEDICAL CONDITIONS

AGGRAVATED: Overexposure may aggravate respiratory system and/or skin.

4. FIRST AID MEASURES

SKIN CONTACT: Immediately remove clothing from affected area and wash skin for 15 minutes with flowing water and soap. Clothing should be discarded or washed before reuse. Obtain medical assistance if irritation develops.

EYE CONTACT: Immediately irrigate eyes with flowing water continuously for 15 minutes while holding eyes open. Contacts should be removed before or during flushing. Obtain medical attention immediately.

INGESTION: If victim is alert and not convulsing, rinse mouth with water And give plenty of water to drink. If spontaneous vomiting occurs, have affected person lean

forward with head down to avoid breathing in of vomitus. Rinse mouth again and give more water to drink. Obtain medical attention.

INHALATION: Remove affected person from area to fresh air and provide oxygen if breathing is difficult. Give artificial respiration ONLY if breathing has stopped and give CPR ONLY if there is no breathing and no pulse. Obtain medical attention.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FIRE, FLAMMABILITY,

FLASH POINT: Not applicable.

FIRE HAZARDS: Toxic fumes may be released.

PROTECTIVE

EQUIPMENT:

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self-contained breathing apparatus and impervious protection clothing. Use water to cool containers exposed to fire.

EXTINGUISHING

MEDIA:

Material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator.

7. HANDLING AND STORAGE

HANDLING: Keep heat, lights, fire, and sparks away. Keep away from water or acid. For industrial use only. When diluting, add product slowly to water with agitation. Heat is generated upon dilution with water. Addition of water can cause violent splashing.

ATTENTION: Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

STORAGE: Store in a cool dry area. Keep containers tightly closed and away from oxidizing agents. Keep out of reach of children.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

ENGINEERING

CONTROLS:

Dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

PERSONAL PROTECTIVE EQUIPMENT

SKIN: Wear protective gloves and clean body-covering clothing.
EYE: Safety glasses. Maintain eye wash fountain and quick-drench facilities in work area.
RESPIRATORY: For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
OTHER:

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Crystals
APPEARANCE: White
ODOR: Odorless
SPECIFIC GRAVITY (WATER=1.0): 1.67 @68° F.
pH (7.5% SOLUTION): 8.6
SOLUBILITY: 33% @ 0° C.
FLASH POINT: Will not flash
AUTO IGNITION TEMPERATURE: Not Applicable
UPPER/LOWER EXPLOSION LIMITS:

10. STABILITY AND REACTIVITY

STABILITY: Stable.
CONDITIONS TO AVOID: Incompatibles.
INCOMPATIBILITY: Bleaching agents (oxidizers) inorganic acids. Avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid since the product is a reducing agent.
POLYMERIZATION: Will not occur.
DECOMPOSITION: Oxides of sulfur, hydrogen sulfide, carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

INHALATION ACUTE:
CHRONIC:

SKIN ACUTE:
CHRONIC:

EYE ACUTE:
INGESTION ACUTE:
CHRONIC:

CARCINOGENICITY/

MUTAGENICITY: NTP None known, none anticipated, and IARC none.

REPRODUCTIVE: None known

NEUROTOXICITY: None known

OTHER EFFECTS: None

TARGET ORGANS: None currently known.

No LD₅₀ / LC₅₀ information found relating to normal routes of occupational exposure.

12. ECOLOGICAL INFORMATION

No information found.

13. DISPOSAL CONSIDERATIONS

Material that cannot be used or chemically reprocessed and empty containers should be disposed of in accordance with all applicable regulations. Product containers should be thoroughly emptied before disposal. Generators of waste materials are required to evaluate all waste for compliance with RCRA and any local disposal procedures and regulations. NOTE: State and local regulations may be more stringent than federal regulations.

14. TRANSPORTATION INFORMATION

DOT SHIPPING

DESCRIPTION: Not regulated.

15. REGULATORY INFORMATION

FEDERAL

REGULATIONS: RCRA Status: Not a hazardous waste under RCRA 40 CFR 261. No reportable quantities.

SARA/TITLE III-CERCLA List: This product does not contain a "CERCLA" listed hazardous substance for emergency release notification under Sec. 304 (40CFR 302).

SARA/TITLE III-Toxic Chemicals List: This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Sec. 313 (40CFR 372).

TSCA Inventory Status: Chemical components listed on TSCA Inventory.

16. OTHER INFORMATION

CREATION DATE: 03-23-05

REVISION DATE:

DISCLAIMER: The information herein is presented in good faith and is believed to be correct as of the date hereof. However, AmeriWest Water Services, Inc. makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature with respect to the product or to the information herein is made hereunder. AmeriWest Water Services, Inc shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication, or use of, or reliance upon the information contained herein.