

AMERIWEST WATER SERVICES INC.

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KlearWell NIS Surfactant

CHEMICAL FAMILY NAME: Non-Ionic surfactant
NFPA HAZARD RATINGS (H-F-R): 1-1-0
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: Proprietary Ingredients. No constituents of the formulae are listed or considered hazardous under OSHA 29CFR 1910.1200. All components are listed under TSCA.

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: Does not meet the regulatory definition of a hazardous substance based on current data. Use good industrial hygiene practices when handling.

POTENTIAL HEALTH EFFECTS:
SKIN CONTACT: Slightly irritating; may cause redness.

EYES: Slightly irritating; may cause redness.

INGESTION: Non-toxic.
INHALATION: Mists may cause upper respiratory tract irritation.

MEDICAL CONDITIONS AGGRAVATED: Skin contact may aggravate existing skin disease.

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:**

Treatment should be based on signs and symptoms of distress in the patient. Possible overexposure to materials other than this product should be considered. Treat symptomatically. Specific antidote not available.

5. FIRE FIGHTING MEASURES

FIRE, FLAMMABILITY,

FLASH POINT: >200°F. (93° C.)

FIRE HAZARDS: Product will burn under fire conditions. Closed containers may explode when exposed to extreme heat due to the build-up of pressure.

**PROTECTIVE
EQUIPMENT:**

Wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

**EXTINGUISHING
MEDIA:**

Small fires: dry chemical, carbon dioxide. Large fires: alcohol foam, universal foam, water spray; Not recommended: water jet

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective gear for the situation. Absorb with an inert absorbent. Sweep up and place in an appropriate closed container. Clean up residual material by washing area with water. Collect washings for disposal. Do not flush to drain.

All disposal methods must be in compliance with all Federal, State, Local and Provincial laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

7. HANDLING AND STORAGE

HANDLING:

In cold weather this product may stratify and freeze. If freezing occurs thaw in a warm room and remix before using. Avoid localized overheating. Vent drums while heating. Mix thoroughly. .

STORAGE:

Store in a dry, well ventilated area at 37° to 120° F. (4° to 49° C.). Keep containers tightly closed and away from incompatible materials and away from ignition sources.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

**ENGINEERING
CONTROLS:**

General area dilution/exhaust ventilation. Follow traditional exposure control methods to effectively minimize employee exposure.

PERSONAL PROTECTIVE EQUIPMENT

SKIN:

Minimize skin contact through use of suitable long-sleeved clothing and gloves.

EYE:

Dependent upon work conditions and material handling practices, eye and face protection will vary. Appropriate ANSI Z87 equipment should

be selected for the particular use intended. Use chemical safety glasses with side shields or splash proof goggles.

RESPIRATORY: When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

OTHER: Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, or using tobacco, applying cosmetics or using the toilet. Wash exposed skin promptly to remove accidental splashes.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE: Clear, yellowish
ODOR: Sweet
SPECIFIC GRAVITY: 1.13 at 77° F. (25° C.)
pH: 7.5 to 9.5 at 100 wt/wt%
SOLUBILITY: Soluble
FLASH POINT: >200° F. (93° C.)
AUTO IGNITION TEMPERATURE: >200° F.
UPPER/LOWER EXPLOSION LIMITS: Unknown

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal handling and storage conditions.
CONDITIONS TO AVOID: Heat, open flame, and spark.
INCOMPATIBILITY: Strong oxidizing agents.
POLYMERIZATION: Will not occur.
DECOMPOSITION: Oxides of carbon, oxides of sulfur and oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

INHALATION ACUTE: No test data found
CHRONIC: No test data found
SKIN ACUTE: Slight irritation, rabbit
CHRONIC: Slight irritation, rabbit
EYE ACUTE: Slight irritation, rabbit
INGESTION ACUTE: LD₅₀ –lethal dose 50% of test species, 13800 mg/kg, rats
CHRONIC: None available.
CARCINOGENICITY/MUTAGENICITY: None that are considered by ACGIH, OSHA, IARC, or NTP to be probable or suspected human carcinogens.
REPRODUCTIVE: None known
NEUROTOXICITY: None
OTHER EFFECTS:
TARGET ORGANS: None

12. ECOLOGICAL INFORMATION

None found.

13. DISPOSAL CONSIDERATIONS

No EPA hazardous waste.

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 material 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 as a hazardous material by the US Dept. of Transportation (DOT) 49CFR 172.101 Hazardous Materials Table.

15. REGULATORY INFORMATION

FEDERAL REGULATIONS:

SARA/Title III Hazard Classes: Fire – No; Reactive – No; Release of Pressure – No; Acute Health – No; Chronic Health – No.

TSCA Inventory Status: Chemical components listed on TSCA Inventory.

California Proposition 65: This product does not contain any chemicals currently on the California list of known carcinogens and reproductive toxins.

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.