



ENERGY

ADVANCE

SDS

8003

SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT TRADE NAME: Advance

Chemical Family: High pH Presoak

Formula: Proprietary

Product #: 8003

Date of Issue: 6/15/2016

Supplier:

C K ENTERPRISES, INC.
1204 SW Jefferson Street
Lee's Summit, Missouri 64081
(816) 524-1304

EMERGENCY CONTACT:

CHEMTREC - 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

SECTION II - HAZARDOUS IDENTIFICATION

WARNING



Health Hazards

Skin Corrosion/Irritation
Serious eye damage/ eye irritation

Category 2
Category 2B

Hazard Statements:

- Causes skin irritation
- Causes serious eye irritation

Precautionary Statements:

- Wash hands thoroughly after handling
- Wear protective gloves/clothing/eye protection/face protection
- IF ON SKIN: wash with plenty of soap and water
- IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- If skin irritation occurs: get medical advice/attention
- If eye irritation persists: get medical advice/attention

HMIS Code:

HEALTH HAZARD	1
FIRE HAZARD	0
REACTIVITY	0
SPECIFIC HAZARD	

Potential Acute Effects:

- Eyes- Can cause irritation
- Skin- Can cause irritation
- Inhalation- May cause drowsiness, lightheadedness or headache
- Ingestion- Nausea, vomiting, diarrhea, and gastrointestinal disorder

SECTION III - COMPOSITION INFORMATION

Name of Hazardous Ingredients	CAS Number	% by Weight
Sodium Metasilicate	10213-79-3	<5
Sodium Tripolyphosphate	7758-29-4	<3
Nonylphenol Ethoxylate	9016-45-9	<3

SECTION IV - FIRST AID MEASURES

Emergency First Aid Procedures:

- IN EYES:** Flush immediately with clean water for 15 minutes. Get medical attention if discomfort persists.
- ON SKIN:** Flush all skin contact areas with water for 15 minutes. Use a mild soap. Seek medical attention if discomfort persists.
- INHALATION:** Avoid excessive contact with mist. Remove person to fresh air. Begin CPR if breathing has stopped, and seek medical attention immediately.
- INGESTION:** Seek immediate medical attention. Dilute by giving two glasses of water to drink. Do not give if unconscious. Do not induce vomiting. Call local poison control center.

SECTION V - FIREFIGHTING MEASURES

- Flash Point (Method Used):** N/A
- Flammable Limits:** LEL: N/A UEL:N/A
- Extinguishing Media:** H₂O, fog, foam, dry chemical, CO₂, alcohol
- Special Fire Fighting Procedures:** Use self-contained breathing apparatus. Use water spray to cool down containers.
- Hazardous Combustion Products:** None
- Hazards:** Never use welding or cutting torches on or near drum even if empty.

SECTION VI - ACCIDENTAL RELEASE MEASURES

- Steps To Be Taken If Released or Spilled:** All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.



CK Enterprises, Inc.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken In Handling and Storage: Keep container tightly closed when not in use. Do not store in areas of high temperature. Do not store in area of oxidizing/reducing agents.

Other Precautions: KEEP OUT OF THE REACH OF CHILDREN. Follow directions on the product label. Take the necessary safety precautions to protect your health.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
None				

- **Respiratory Protection:** Use NIOSH approved respirator if levels reach or exceed TLV
- **Ventilation:** Local exhaust is normally adequate. Use mechanical ventilation if buildup of mist or vapors is likely.
- **Protective Gloves:** Rubber or neoprene gloves are
- **Eye Protection:** Safety glasses or chemical splash goggles
- **Other Protective Equipment:** Rubber aprons and boots should be worn as protection to the body while handling this product.
- **Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not determined
Specific Gravity (Water = 1):	1.05-1.10
Vapor Pressure:	Not determined
Vapor Density (Air = 1):	Not determined
Evaporation Rate (Water = 1):	N/A
Solubility in Water:	Appreciable
pH @ 100% solution:	12-13.5
Appearance/Odor:	Fluorescent lime green liquid; Citrus odor

SECTION X - STABILITY AND REACTIVITY

Stability Data: Stable
Incompatibility: Strong oxidizers
Hazardous Decomposition Products: CO and CO₂ upon thermal decomposition
Hazardous Polymerization: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

Routes of Entry	Dermal, Oral, and Inhalation
Symptoms	Irritation
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	None
Reproductive	No information found
Target Organs	None
Aspiration Hazards	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

Test	Results	Basis
Dermal	9,319 mg/kg	ATE determined beyond Category 4
Oral	7,805 mg/kg	ATE determined beyond Category 4
Inhalation	No data	

SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION XIV - TRANSPORT INFORMATION

Proper Shipping Name:
D.O.T. Classification: Not Regulated
D.O.T. Placard:
Precautions to be taken in transportation: Keep container tightly closed.

SECTION XV - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	None
Chemical Name:	
Percent by Weight:	
The following substances contain materials with CERLA RQ numbers (in Pounds):	
Sodium Tripolyphosphate	7758-29-4 5,000

SECTION XVI - OTHER INFORMATION

Date Issued: 6/15/2016 **Supersedes:** 8/7/2015

This information must be included in all Safety Data Sheets that are copied and distributed for this material.

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.