

1. Product and Company Identification

Product Code: S302
Product Name: X-CEL BREAK PRESOAK
Company Name: Sunbelt Laboratories
P.O. BOX 1563
Stafford, TX 77497
Phone Number: (281)261-4747
Web site address: www.sunbelt-labs.com
Emergency Contact: CHEM-TEL (800)255-3924

2. Hazards Identification

Acute Toxicity: Oral, Category 4

Skin Corrosion, Category 1A

Skin Irritation, Category 2

Serious Eye Damage, Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes skin irritation.
Causes serious eye damage.

GHS Precautionary Phrases: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Specific treatment see ... on this label.
Rinse mouth.
If skin irritation occurs, get medical advice/attention.
Take off contaminated clothing and wash before re-use.
Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: Store locked up.
Dispose of contents/container to ...

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.



SAFETY DATA SHEET

X-CEL BREAK PRESOAK

Potential Health Effects (Acute and Chronic):	<p>Prolonged or repeated eye contact may cause conjunctivitis.</p> <p>Prolonged or repeated skin contact may cause dermatitis.</p> <p>Chronic: Effects may be delayed.</p>
Inhalation:	<p>The toxicological properties of this substance have not been fully investigated. Inhalation of dust may cause respiratory tract irritation. Can produce delayed pulmonary edema. Causes irritation of the mucous membrane and upper respiratory tract. Irritation may lead to chemical pneumonitis and pulmonary edema. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma. Causes chemical burns to the respiratory tract. Inhalation may be fatal as a result of spasm, inflammation, edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Aspiration may lead to pulmonary edema. May cause systemic effects. May be harmful if inhaled.</p>
Skin Contact:	<p>Causes skin irritation. Causes severe burns with delayed tissue destruction. Causes redness and pain. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color. May be harmful if absorbed through the skin. Causes skin burns.</p>
Eye Contact:	<p>Causes eye irritation. Causes severe eye burns. May cause irreversible eye injury. Contact may cause ulceration of the conjunctiva and cornea. Eye damage may be delayed. Causes redness and pain. When substance becomes wet or comes in contact with moisture of the mucous membranes, it will cause irritation. May cause chemical conjunctivitis and corneal damage.</p>
Ingestion:	<p>May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated. Harmful if swallowed. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. May cause circulatory system failure. May cause perforation of the digestive tract. Causes severe digestive tract burns with abdominal pain, vomiting, and possible death. May cause systemic effects. Causes burns.</p>

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
7320-34-5	Potassium pyrophosphate	1.0 -20.0 %	
1310-58-3	Potassium hydroxide	2.0 -7.0 %	
1344-09-8	Sodium silicate	1.0 -5.0 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid immediately. Do NOT use mouth-to-mouth resuscitation. If breathed in, move person into fresh air.
In Case of Skin Contact:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes. If water-reactive products are embedded in the skin, no water should be applied. The embedded products should be covered with a light oil. Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes). Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In Case of Ingestion:	Never give anything by mouth to an unconscious person. Get medical aid. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Rinse mouth with water. Consult a physician.
Signs and Symptoms Of Exposure:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Note to Physician:	Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt:	NE
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	NE
Suitable Extinguishing Media:	Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam. Use dry sand or earth to smother fire. Use extinguishing media appropriate to surrounding fire conditions. DO NOT USE WATER!
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion. Water reactive. Material will react with water and may release a flammable and/or toxic gas. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Use water with caution and in flooding amounts. Contact with moisture or water may generate sufficient heat to ignite nearby combustible materials. May ignite or explode on contact with steam or moist air. Wear self contained breathing apparatus for fire fighting if necessary.
Flammable Properties and Hazards:	No data available. No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Do not expose spill to water. Personal precautions. Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions.
 Do not let product enter drains.
 Methods for cleaning up.
 Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Keep container tightly closed. Avoid ingestion and inhalation. Do not allow water to get into the container because of violent reaction. Do not breathe dust, mist, or vapor. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Do not allow contact with water. Use only in a chemical fume hood. Discard contaminated shoes. Keep from contact with moist air and steam. Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Precautions To Be Taken in Storing: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture. Keep container closed when not in use. Keep away from water. Corrosives area. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. Keep in a dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7320-34-5	Potassium pyrophosphate	No data.	No data.	No data.
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m ³	No data.
1344-09-8	Sodium silicate	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Engineering Controls Facilities storing or utilizing this material should be equipped with an eyewash facility and

(Ventilation etc.):	a safety shower. Use explosion-proof ventilation equipment. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Clear. Nearly odorless.	
pH:	14	
Melting Point:	NE	
Boiling Point:	> 212.00 F (100.0 C)	
Flash Pt:	NE	
Evaporation Rate:	< 1 (BuAC=1)	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	< 1 MM_HG	
Vapor Density (vs. Air = 1):	< 1	
Specific Gravity (Water = 1):	1.27	
Solubility in Water:	No data.	
Octanol/Water Partition Coefficient:	No data.	
Percent Volatile:	> 50.0 % by volume.	
Autoignition Pt:	NE	
Decomposition Temperature:	No data.	
Viscosity:	No data.	

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials, dust generation, Excess heat, Exposure to moist air or water.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Ammonia, magnesium, Sodium, calcium salts, Moisture, acids, Strong acids, chemically active metals.
Hazardous Decomposition or Byproducts:	Phosphine, oxides of phosphorus, irritating and toxic fumes and gases, Oxides of potassium, hydrogen gas. formed under fire conditions. Sodium oxides, silicon oxides.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: Epidemiology: No information found. Teratogenicity: No information available.
Reproductive Effects: Mutagenicity: Neurotoxicity: Acute toxicity: No data available.

Irritation or Corrosion: No data available.

Sensitization: No data available.

Chronic Toxicological Effects: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity/Other Information: CAS# 7320-34-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7320-34-5	Potassium pyrophosphate	n.a.	n.a.	n.a.	n.a.
1310-58-3	Potassium hydroxide	n.a.	n.a.	n.a.	n.a.
1344-09-8	Sodium silicate	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed. Product:
Observe all federal, state, and local environmental regulations. 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.

Contaminated packaging:
Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.) mixture. Compounds, cleaning liquid.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: NA1760

Packing Group: II





SAFETY DATA SHEET X-CEL BREAK PRESOAK

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.) mixture.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7320-34-5	Potassium pyrophosphate	No	No	No
1310-58-3	Potassium hydroxide	No	Yes NA	No
1344-09-8	Sodium silicate	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

Yes No Explosive

Yes No Flammable (gases, aerosols, liquid, or solid)

Yes No Oxidizer (liquid, solid or gas)

Yes No Self-reactive

Yes No Pyrophoric (liquid or solid)

Yes No Pyrophoric gas

Yes No Self-heating

Yes No Organic peroxide

Yes No Corrosive to metal

Yes No Gas under pressure (compressed gas)

Yes No In contact with water emits flammable gas

Yes No Combustible Dust

Yes No (Physical) Hazard Not Otherwise Classified (HNOC)

Yes No Acute toxicity (any route of exposure)

Yes No Skin Corrosion or Irritation

Yes No Serious eye damage or eye irritation

Yes No Respiratory or Skin Sensitization

Yes No Germ cell mutagenicity

Yes No Carcinogenicity

Yes No Reproductive toxicity

Yes No Specific target organ toxicity (single or repeated exposure)

Yes No Aspiration Hazard

Yes No Simple Asphyxiant

Yes No (Health) Hazard Not Otherwise Classified (HNOC)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7320-34-5	Potassium pyrophosphate	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
1310-58-3	Potassium hydroxide	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
1344-09-8	Sodium silicate	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No

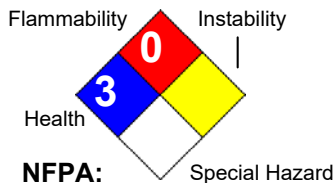
16. Other Information

Revision Date: 12/14/2023

Hazard Rating System:

HEALTH	□	3
FLAMMABILITY	0	
REACTIVITY	1	
PPE		

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.