



## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Manufacturer:</b> Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742	<b>Product Name:</b> Experimental Low pH Presoak <b>Product Code:</b> RND455 <b>Recommended Use:</b> Low pH detergent <b>Revision Date:</b> 1/9/2017
<b>Chemical Emergency:</b> Infotrac: 1-800-535-5053	

### SECTION 2: HAZARDS IDENTIFICATION

#### GHS Hazard Classification

Skin Corrosion	Category 1
Serious Eye Damage	Category 2

#### Signal Word

**DANGER!**



#### Hazard Statements

May be harmful in contact with skin  
 Causes serious eye irritation

#### Precautionary Statements - Prevention

Wash thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection

#### Precautionary Statements - Response

IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

#### Precautionary Statements - Storage

#### Precautionary Statements - Disposal

### SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

*Product is a mixture according to 29 CFR 1910.1200.*

#### Hazardous Components

Hazardous Ingredients	Cas #	Weight %
Organic Acid Blend	Trade Secret	0-20%
Hydrotreated light distillate	64742-47-8	2 - 5%
2-butoxyethanol	111-76-2	2 - 5%
Proprietary Blend	Trade Secret	15 - 25%

*Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.*

### SECTION 4: FIRST-AID MEASURES

#### First Aid Measures

**General Advice:** Keep out of reach of children. Use with care.

**Eye Contact:** Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.

**Skin Contact:** Wash off with soap and water while removing all contaminated clothes and shoes.

**Ingestion:** If swallowed, call immediately for emergency medical assistance. DO NOT induce vomiting. Rinse mouth with water and drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air.

### **Most Important Symptoms and Effects**

**Symptoms:** Severe burns to eyes, skin, and respiratory tract.

### **Indication of any immediate medical attention and special treatment needed**

**Note to Physician:** Treat symptomatically.

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Flammable Properties**

**Flammability:** Not considered to be a fire hazard.

**Explosive Prop:** Not considered to be an explosive hazard.

### **Extinguishing Media**

**Suitable:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable:** No information available

### **Specific Hazards Arising from Chemical**

**Hazards:** The product causes burns of eyes, skin and mucous membranes. Thermal decomposition may lead to release of irritating and toxic vapors. In the event of fire and/or explosion do not breathe fumes.

### **Protective equipment and precautions for fire-fighters**

**Fire-Fight Method:** In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.

**Environ. Precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

**Clean-Up Method:** Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

## **SECTION 7: HANDLING AND STORAGE**

**Handling:** Use personal protective equipment when needed. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.

**Storage:** Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.

**Incomp. Materials:** Keep away from strong oxidizing agents.

## **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **Exposure Guidelines**

Hazardous Chemical	OSHA PEL	ACGIH TLV
Organic Acid Blend	Not Determined	Not Determined
Hydrotreated light distillate	Not Determined	179 ppm
2-butoxyethanol	50 ppm	20 ppm
Proprietary Blend	Not Determined	Not Determined

### **Appropriate Engineering Controls**

**Eng. Controls:** Ensure adequate ventilation, especially in confined areas.

### **Personal Protection Equipment (PPE)**

**Eyes:** Recommend goggles or face shield, giving complete protection of eyes.

**Respiratory:** In case of insufficient ventilation wear suitable respiratory equipment. Use NIOSH approved respiratory protection.

**Skin:** Avoid skin contact.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State:</b>	Liquid	<b>Freezing Point:</b>	Not determined
<b>Appearance:</b>	Clear liquid	<b>Boiling Point:</b>	Not determined
<b>Color:</b>	Colorless	<b>Evaporation Rate:</b>	Not determined
<b>Odor:</b>	No information available	<b>Vapor Pressure:</b>	Not determined
<b>Odor Threshold:</b>	No information available	<b>Vapor Density:</b>	Not determined
<b>pH:</b>	0 - 1.0	<b>Relative Density:</b>	Not determined
<b>Flash Point:</b>	Not determined	<b>Flammability:</b>	Not determined
<b>Water Solubility:</b>	Soluble in water	<b>Explosive Limits:</b>	Not determined
<b>Viscosity:</b>	Not determined	<b>Part. Coefficient:</b>	Not determined
<b>Specific Gravity:</b>	1.05-1.08	<b>Auto-ignition Temp:</b>	Not determined
<b>Melting Point:</b>	Not determined	<b>Decomp. Temp:</b>	Not determined

**SECTION 10: STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Haz. Decomposition:</b>	No information available.
<b>Haz. Polymerization:</b>	No information available.
<b>Incompatibilities:</b>	Keep away from strong oxidizing agents.
<b>Conditions to Avoid:</b>	Heat, moisture and incompatibles.

**SECTION 11: TOXICOLOGY INFORMATION****Component Information**

Hazardous Chemical	LD50 Oral	LD50 Dermal
Organic Acid Blend	Not Determined	Not Determined
Hydrotreated light distillate	Not Determined	Not Determined
2-butoxyethanol	1300 mg/kg (rat)	> 2000 mg/kg (rat)
Proprietary Blend	Not Determined	Not Determined

**Potential Health Effects**

<b>Exposure Routes:</b>	Eye Contact, Dermal Contact, Ingestion, Inhalation
<b>Acute Toxicity:</b>	
<b>Eyes:</b>	Causes eye irritation with tearing, redness, and impaired vision.
<b>Skin:</b>	Causes skin irritation, redness, and itching. May cause chemical burns.
<b>Ingestion:</b>	Harmful if swallowed. Corrosive to mucous membranes, esophagus and stomach.
<b>Inhalation:</b>	Respiratory irritant.
<b>Chronic Effects:</b>	Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.
<b>Carcinogenicity:</b>	Not classifiable as a human carcinogen by OSHA, NTP or IARC.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Organic Acid Blend	Not Determined	Not Determined
Hydrotreated light distillate	Not Determined	Not Determined
2-butoxyethanol	1474 mg/L (96 h: Oncorhynchus mykiss)	1500 mg/L (48 h: Daphnia)
Proprietary Blend	Not Determined	Not Determined

**Environmental Toxicity**

<b>Biodegradation:</b>	No information available.
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**Persistence:** No information available.  
**Bioaccumulation:** No information available.  
**Mobility:** No information available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains.

**Container:** Drain contaminated container thoroughly. Do not reuse container.

### SECTION 14: TRANSPORT INFORMATION

*Transport in accordance with all federal, state, and local regulations.*

#### DOT

**Proper Name:** NA  
**Hazard Class:** NA  
**UN Number:** NA  
**Packing Group:** NA

**Special Provisions** This product is not regulated as a dangerous good

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

**TSCA Status:** All components of this product are listed or exempt from listing on TSCA inventory.  
**CERCLA Reportable Quantity:** Not applicable

#### Section 311/312 Hazard Category

<b>Acute Health Hazard:</b>	64742-47-8	Hydrotreated light distillate	2 - 5%
	111-76-2	2-butoxyethanol	2 - 5%
<b>Chronic Health Hazard:</b>	64742-47-8	Hydrotreated light distillate	2 - 5%
<b>Fire Hazard:</b>	64742-47-8	Hydrotreated light distillate	2 - 5%
	111-76-2	2-butoxyethanol	2 - 5%
<b>Sudden Release of Pressure:</b>	No		
<b>Reactive Hazard:</b>	No		
<b>Section 313 Toxic Chemicals</b>	111-76-2	2-butoxyethanol	2 - 5%

### SECTION 16: OTHER INFORMATION

**Prepared by:** Health and Safety Department  
**Contact Number:** 1-877-866-9742  
**Issue Date:** 1/9/2017  
**Revision Date:** 1/9/2017  
**Revision Note:** Initial generation of SDS  
**Version:** 1

**Disclaimer:** The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. This information is offered for your information, consideration, and investigation. Ver-tech Labs cannot anticipate all conditions under which this information and its product may be used. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. It is the user's responsibility to assume liability for loss, injury, damage or expense due to improper use.

End of Safety Data Sheet