SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Ver-tech Labs
6801 Bleck Drive
Rockford, MN 55373
1-877-866-9742

Product Name: Black Knight
Product Code: EXT432
Recommended Use: High pH Presoak
Revision Date: 1/28/2015

Chemical Emergency: Infotrac: 1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

<table>
<thead>
<tr>
<th>Hazard Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>1</td>
</tr>
<tr>
<td>Serious Eye Damage/Eye Irritation</td>
<td>1</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity (Single Exposure) - Oral</td>
<td>1</td>
</tr>
<tr>
<td>Corrosive to Metals</td>
<td>1</td>
</tr>
</tbody>
</table>

Signal Word
DANGER!

Hazard Statements
- Causes severe skin burns and eye damage
- Causes serious eye damage
- Causes damage to organs
- May be corrosive to metals

Precautionary Statements - Prevention
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- Do not eat, drink or smoke when using this product
- Keep only in original container

Precautionary Statements - Response
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower
- Wash contaminated clothing before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- 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
- Absorb spillage to prevent material damage

Precautionary Statements - Storage
- Store locked up
- Store in a corrosive resistant container with a resistant inner liner

Precautionary Statements - Disposal
- Dispose of contents/container to an approved waste disposal plant

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

Product is a mixture according to 29 CFR 1910.1200.

Hazardous Components

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>Cas #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide, Caustic Soda</td>
<td>1310-73-2</td>
<td>5 - 15%</td>
</tr>
<tr>
<td>Proprietary Blend</td>
<td>Trade Secret</td>
<td>5 - 15%</td>
</tr>
</tbody>
</table>

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: Contains Sodium Hydroxide. Harmful or fatal if swallowed. Wear protective clothing when handling this product. 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 immediately with soap and water while removing all contaminated clothes and shoes.

Ingestion: If swallowed, may cause burning of the mouth, throat and stomach. Call immediately for medical assistance. DO NOT induce vomiting. Rinse mouth with water, then 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: Product is a corrosive material. 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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable: Adding water to caustic solution generates large amounts of heat.

Specific Hazards Arising from Chemical

Hazard: 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.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Hazardous Chemical</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide, Caustic Soda</td>
<td>2 mg/m3</td>
<td>2 mg/m3</td>
</tr>
<tr>
<td>Proprietary Blend</td>
<td>Not Determined</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

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

Personal Protection Equipment (PPE)

Eyes: Recommend safety goggles or shield.
Respiratory: Not usually necessary where ventilation is sufficient to maintain vapors under the TLV limit.
Skin: Avoid skin contact. Recommend chemical resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Clear/Light Amber Liquid</td>
</tr>
<tr>
<td>Color:</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor:</td>
<td>Fresh, Clean Scent</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>No information available</td>
</tr>
<tr>
<td>pH:</td>
<td>14.0</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Water Solubility:</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>1.10</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Freezing Point:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive Limits:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Part. Coefficient:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Auto-ignition Temp:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomp. Temp:</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Haz. Decomposition: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Haz. Polymerization: No information available.

Incompatibilities: Strong acids and bases, strong oxidizing agents. Aluminum, Tin, and Zinc.

Conditions to Avoid: Heat, moisture and incompatibles.

SECTION 11: TOXICOLOGY INFORMATION

Component Information

<table>
<thead>
<tr>
<th>Hazardous Chemical</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide, Caustic Soda</td>
<td>Not Determined</td>
<td>1350 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Proprietary Blend</td>
<td>Not Determined</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

Potential Health Effects

Exposure Routes: Eye Contact, Dermal Contact, Ingestion, Inhalation

Acute Toxicity:

Eyes: Causes eye irritation with tearing, redness, and impaired vision.
Skin: Causes skin irritation, redness, and itching. May cause chemical burns.
Ingestion: Harmful if swallowed. Corrosive to mucous membranes, esophagus and stomach.
Inhalation: Respiratory irritant.

Chronic Effects: Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.

Carcinogenicity: Not listed as carcinogen by OSHA, NTP or IARC.
SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

<table>
<thead>
<tr>
<th>Hazardous Chemical</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide, Caustic Soda</td>
<td>45.4: 96 h Oncorhynchus mykiss mg/L</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Proprietary Blend</td>
<td>Not Determined</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

Environmental Toxicity

Biodegradation: No information available.

Persistence: This product is alkaline and may raise the pH of surface waters.

Bioaccumulation: This product is believed not to bioaccumulate.

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: Corrosive Liquid, Basic, Inorganic, n.o.s. (Sodium Hydroxide)

Hazard Class: 8

UN Number: UN3266

Packing Group: II

Special Provisions: Based on package size, product may be eligible for limited quantity exception.

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: Sodium Hydroxide, 1000 lbs.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Hazardous Chemical</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Section 311/312 Hazard Category

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

Section 313 Toxic Chemicals: None

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department

Contact Number: 1-877-866-9742

Issue Date: 1/28/2015

Revision Date: 1/28/2015

Revision Note: MSDS converted to GHS SDS format

Version: I
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