

# Safety Data Sheet

## Per GHS Standard Format

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name:** Piranha NexStrip 8 No. 5702

**Recommended Use of Product:** Paint Remover

#### Information on the Supplier of the Safety Data Sheet

Manufactured For:  
Fiberlock Technologies, Inc.

150 Dascomb Road  
Andover, MA 01810

P: 800-342-3755 F: 978-475-6205

Emergency Telephone Numbers:

CHEM TEL: (U.S.): 1-800-255-3924

(Outside the U.S.): 813-248-0585

### SECTION 2: HAZARDS IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Signal Word: **DANGER!**



#### GHS Label Statements

Hazard Statements:

May be corrosive to metals.

Causes severe skin burns and eye damage.

May cause respiratory irritation.

May cause damage to lungs through inhalation.

May cause cancer.

#### GHS Classifications

This product is considered hazardous by The 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Health:

Skin Corrosion Category 1A

Carcinogenicity Category 1A

Specific Target Organ Toxicity – Single Exposure Category 3

Specific Target Organ Toxicity – Repeat Exposure Category 2

Physical:

Metal Corrosion Category 1

## PRECAUTIONARY STATEMENTS

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection and face protection.

**Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Call a POISON CENTER. Absorb spillage to prevent material damage.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive resistant container with a corrosive resistant inner liner.

**Disposal:** Dispose of contents and container in accordance with local and national regulations.

## SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight, %*</u>
Hydrated Lime (Calcium Hydroxide)	1305-62-0	20-30
Sodium Hydroxide	1310-73-2	5-10
Calcined Kaolin	92704-41-1	1-5
Crystalline Silica	14808-60-7	<0.2

**\*The specific identity and/or exact concentration percentage (weight) of composition has been withheld as a trade secret.**

## SECTION 4: FIRST AID MEASURES

### Inhalation

Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get immediate medical attention.

### Skin Contact

Immediately flush with water for at least 20 minutes, then wash with soap and water until no trace of the chemical remains. Remove contaminated clothing immediately and launder before reuse. Get immediate medical attention.

### Eye Contact

Immediately flush eyes with water for at least 30 minutes while lifting the upper and lower lids. Get immediate medical attention.

### Ingestion

Get immediate medical attention. If conscious, rinse mouth with water and give 1 glass of water to dilute. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing.

### Most important symptoms/effects, acute and delayed

Causes eye and skin burns. Permanent damage may occur. Inhalation of mists may cause severe upper respiratory irritation. High concentrations may cause lung damage. Swallowing may cause burns to the mouth, throat and stomach. Harmful or fatal if swallowed. Indication of immediate medical attention and special treatment, if necessary: If contact occurs, get immediate medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) Extinguishing Media:** This material is not combustible. Use any media that is suitable for the surrounding fire.

**Specific Hazards Arising from the Chemical:** Not flammable or combustible

**Protective Equipment and Precautions for Firefighters:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposure containers with water.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective clothing and equipment to prevent eye and skin contact.

**Environmental Precautions:** Avoid release to the environment. Report spill as required by local and federal regulations.

**Methods for Containment and Cleaning Up:** Evacuate area. Scoop up bulk of spill and place in a container for disposal. Then neutralize residual with a weak acid, such as acetic acid. Prevent runoff to storm sewers and ditches leading to natural waterways.

## SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Prevent contact with eyes, skin and clothing. Do not breathe mists or spray. Use only with adequate ventilation. Use only with appropriate protective equipment. Immediately remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities. Keep out of reach of children.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, well-ventilated area. Protect from physical damage. Store away from acids, inter halogens, phosphorous oxide and metals.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Hydrated Lime (Calcium Hydroxide)

5 mg/m<sup>3</sup> TWA ACGIH TLV  
5 mg/m<sup>3</sup> TWA OSHA PEL (respirable fraction)  
15 mg/m<sup>3</sup> TWA OSHA PEL (total dust)

Sodium Hydroxide

2 mg/m<sup>3</sup> Ceiling ACGIH TLV  
2 mg/m<sup>3</sup> TWA OSHA PEL

Calcined Kaolin

2 mg/m<sup>3</sup> TWA ACGIH TLV (respirable fraction)  
5 mg/m<sup>3</sup> TWA OSHA PEL (respirable fraction)

15 mg/m<sup>3</sup> TWA OSHA PEL (total dust)

Crystalline Silica

10 mg/m<sup>3</sup>— TWA PEL (respirable dust)

% Silica + 2

0.025 mg/m<sup>3</sup> TWA TLV (respirable fraction)

**Appropriate Engineering Controls:** For operations where exposures limits are exceeded increased mechanical ventilation such as local exhaust may be required.

### **Personal Protective Equipment**

**Eye/Face Protection:** Chemical safety goggles and face shield required.

**Skin and Body Protection:** Nitrile, neoprene or other impervious gloves are recommended to prevent skin contact.

**Respiratory Protection:** None needed under normal use conditions with adequate ventilation. For spray application, use a NIOSH approved dust/mist respirator with appropriate eye protection. A full face piece respirator provides both eye and respiratory protection. For higher concentrations an approved supplied air respirator (with escape bottle if required) or self-contained breathing apparatus may be required. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Other:** Impervious apron, boots and other clothing are recommended if needed to prevent contact. Eye wash and safety shower should be available if contact may occur.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Off-white paste  
**Color:** Off-white  
**Odor:** No distinct odor

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/Method</u></b>
pH	13	None known
Melting/freezing point	No data available	None known
Boiling point/boiling range	No data available	None known
Flash Point	Not flammable	None known
Evaporation rate	Same as water	None known
Flammability (solid, gas)	Not applicable	None known
Flammability Limit in Air		
Upper flammability limit	Not applicable	None known
Lower flammability limit	Not applicable	None known
Vapor pressure	Same as water	None known
Vapor density	Same as water	None known
Relative density	1.32	None known
Specific Water Solubility	Soluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto-ignition temperature	Not applicable	None known
Gravity	Not applicable	None known

Decomposition temperature	No data available	None known
UEL	Not applicable	None known

### **Other Information**

Softening Point	No data available
VOC Content (%)	0 g/L
Particle size	No data available
Particle size distribution	No data available

## **SECTION 10: STABILITY AND REACTIVITY**

### **Reactivity**

Not reactive under normal conditions of use

### **Conditions to Avoid**

None currently known

### **Chemical Stability**

Stable

### **Incompatible Materials**

Avoid acids, inter halogens, phosphorous oxide and metals

### **Possibility of Hazardous Reactions**

No information available

### **Hazardous Decomposition Product**

Thermal decomposition may yield carbon, sodium and calcium oxides

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Acute Effects of Exposure**

**Inhalation:** Mists may cause mucous membrane and upper respiratory tract irritation with coughing, sore throat and difficulty in breathing. High concentrations of mists may cause lung edema.

**Eye Contact:** Causes severe irritation and burns with redness, pain, tearing and swelling. Permanent eye damage and blindness is possible.

**Skin Contact:** Causes severe irritation and burns.

**Ingestion:** Swallowing may cause severe gastrointestinal irritation or burns with nausea, vomiting and diarrhea. Harmful or fatal if swallowed.

**Chronic Effects:** Prolonged or repeated exposure to dilute solutions may cause dermatitis.

**Sensitization:** None of the components are sensitizing to animals or humans.

**Germ Cell Mutagenicity:** None of the components have been shown to cause germ cell mutagenicity.

**Reproductive Toxicity:** None of the components have been shown to cause reproductive or developmental toxicity.

**Carcinogenicity:** Crystalline silica is classified by IARC as “Carcinogenic to Humans”, Group 1, by NTP as “Known to be a Human Carcinogen” and as a “Suspected Human Carcinogen”, A2 by ACGIH. None of the other components of this product are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

**Acute Toxicity Values**

Hydrated Lime: Oral rat LD50: 7340 mg/kg

Sodium Hydroxide: No toxicity data available

Calcined Kaolin: Oral rat LD50 >5000 mg/kg (structurally similar substance); Inhalation rat LC50 >2.07 mg/L/4 hr.; Dermal rabbit LD50 >5000 mg/Kg (structurally similar substance)

**SECTION 12: ECOLOGICAL INFORMATION**

This product may be harmful to aquatic organisms due to change in pH of water where released.

**Ecotoxicity Values**

Hydrated Lime: 96 hr LC50 *Poecilia reticulata* > 356 mg/L

Sodium Hydroxide: 48 hr EC50 *Ceriodaphnia* sp 40.4 mg/L

Calcined Kaolin (structurally similar substance):96 hr LC50 *Danio rerio* >100 mg/L; 48 hr EC50 *daphnia magna* >100 mg/L; 72 hr EC50 *desmodesmus subspicatus* 2500 mg/L

**Persistence and Degradability:** Biodegradation is not applicable to inorganic substances such as hydrated lime, calcined kaolin and sodium hydroxide.

**Bioaccumulative Potential:** No data available. Not expected to be bioaccumulative.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

<u>DOT</u>	
UN Number	UN3262
Proper Shipping Name	Corrosive Solid, Basic, Inorganic, n.o.s. (Hydrated Lime, Sodium Hydroxide)
Hazard Class	8
Packing Group	PGII
Environmental Hazard	None

<u>TDG</u>	
UN Number	UN3262

Proper Shipping Name	Corrosive Solid, Basic, Inorganic, n.o.s. (Hydrated Lime, Sodium Hydroxide)
Hazard Class	8
Packing Group	PGII
Environmental Hazard	None

**Transport in Bulk (According to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special Precautions:** None known

## SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

**CERCLA Hazardous Substances (Section 103)/RQ:** The RQ of this product based on the RQ of sodium hydroxide of 1000 lbs present at 10% maximum is 10,000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Acute health, Chronic Health

**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313: None

**California Proposition 65:** This product the following chemicals known to the State of California to cause cancer or reproductive toxicity: Titanium dioxide <0.06% (cancer), crystalline silica <0.2 (cancer)

**EPA TSCA Inventory:** All of the components of this product are listed on the TSCA inventory.

### Canada

**Canadian CEPA:** The components of this product are listed on the Canadian DSL.

**Canadian WHMIS Classification:** Class E (Corrosive), Class D-2-B (Toxic material causing other toxic effects).

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

## SECTION 16: OTHER INFORMATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: [www.epa.gov/lead](http://www.epa.gov/lead)