

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**PRODUCT NAME:** Slow Willie  
**PART NUMBER:** SLOW\_BX, SLOW\_PA  
**GENERAL USE:** Concrete Retarder  
**PRODUCT DESCRIPTION:** Brown powder, slight characteristic odor



**MANUFACTURER'S NAME:** Enviro-Systems, Inc. **DATE PREPARED:** 26 Apr 2016 **Page 1 of 4**  
**SUPERSEDES:** 12 April 2013

**ADDRESS (NUMBER, STREET)** 6400 Highlands Pkwy, Ste D **TELEPHONE NUMBER FOR INFORMATION:** (770) 333-0206

**CITY, STATE, AND ZIP CODE** Smyrna, GA 30082 **COUNTRY** USA **EMERGENCY TELEPHONE NUMBER:** InfoTrac (800) 535-5053; Outside USA (352) 323-3500

**DISTRIBUTOR'S NAME:** Concrete Pump Supply, LLC

**ADDRESS (NUMBER, STREET)** 6400-C Highlands Pkwy **TELEPHONE NUMBER FOR INFORMATION:** (678) 370-0000

**CITY, STATE, AND ZIP CODE** Smyrna, GA 30082 **COUNTRY** USA **EMERGENCY TELEPHONE NUMBER:** Same as Manufacturer

## SECTION 2 – HAZARD(S) IDENTIFICATION

**HAZARD CLASSIFICATION:** Irritant

**SIGNAL WORD:** Warning

**HAZARD STATEMENT(S):** May cause irritation to respiratory tract. Contact with eyes may cause irritation.

**PICTOGRAM:** EXCLAMATION POINT

**PRECAUTIONARY STATEMENT(S):** Granular powder is harmful and irritating to respiratory tract. Contact with eyes may cause irritation.



**DESCRIPTION OF HAZARDS NOT OTHERWISE CLASSIFIED:** None

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	% by weight	CAS #	EINECS #	Other
Calcium lignosulphonate	90 – 95	8061-52-7	Not found	

## SECTION 4 – FIRST-AID MEASURES

**INHALATION:** Remove affected person to fresh air; if symptoms persist seek medical attention.

**SKIN:** Wash contacted area with soap and water; if irritation persists, seek medical attention.

**EYES:** Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

**INGESTION:** Give two glasses of water for dilution; DO NOT induce vomiting; never give anything to an unconscious person; seek medical attention.

<b>SECTION 5 – FIRE FIGHTING MEASURES</b>								
<b>GENERAL HAZARDS:</b> Product is not considered flammable or combustible.								
<b>EXTINGUISHING MEDIA:</b> Carbon dioxide, water, water fog, dry chemical, chemical foam.								
<b>FIRE FIGHTING PROCEDURES:</b> None.								
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> Airborne dusts may form explosive mixtures if allowed to accumulate in confined area at concentrations of 0.2 – 3.5 ounces / cubic foot.								
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Smoke, fumes or vapors, oxides of carbon and sulfur.								
<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>								
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b>								
Small spills: Wash to sanitary sewer with plenty of water.								
Large spills: Recover and segregate product for reuse; shovel product into approved container for disposal.								
<b>SECTION 7 – HANDLING AND STORAGE</b>								
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b> Keep container closed when not in use. Protect containers from abuse. Keep container in a cool, dry area. Keep this and all chemicals out of reach of children.								
<b>SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION</b>								
HAZARDOUS COMPONENTS	NIOSH				ACGIH			
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Calcium lignosulphonate		10		15				
<b>PERSONAL PROTECTION</b>								
<b>PROTECTIVE EQUIPMENT:</b> NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to secondary operations such as mixing, spraying, sanding, buffing, et c. Neoprene or nitrile rubber gloves. Chemical splash goggles. Safety eyewash station nearby.								
<b>WORK / HYGIENIC PRACTICES:</b> Practice safe workplace habits. Minimize body contact with this, as well as all chemicals, in general.								
<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>								
<b>APPEARANCE AND ODOR:</b> Brown powder, slight characteristic odor <b>pH:</b> 3.5 – 5.0 (3% aqueous suspension) <b>BOILING POINT / BOILING RANGE:</b> Not available <b>FLASH POINT:</b> Non-flammable <b>FLAMMABLE LIMITS:</b> LEL: N/A UEL: N/A <b>AUTOIGNITION TEMPERATURE:</b> N/A					<b>VAPOR PRESSURE:</b> Not available <b>SPECIFIC GRAVITY: (WATER =1)</b> 2.0 - 2.5 <b>SOLUBILITY IN WATER:</b> Complete <b>VISCOSITY:</b> Solid <b>VAPOR DENSITY: (AIR=1)</b> N/A <b>EVAPORATION RATE: (WATER=1)</b> N/A			

**SECTION 10 – STABILITY AND REACTIVITY**

<b>STABILITY</b>		<b>CONDITIONS TO AVOID:</b>	
<b>STABLE:</b>	X	<b>UNSTABLE:</b>	Excess heat. Incompatible materials.
<b>INCOMPATABILITY (MATERIALS TO AVOID:)</b> Strong oxidizers, strong acids.			
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b> Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.			
<b>HAZARDOUS POLYMERIZATION</b>			
<b>MAY OCCUR:</b>		<b>WILL NOT OCCUR:</b>	X
<b>CONDITIONS TO AVOID:</b> None			

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Hazardous Components	CAS # EINECS #	LD50 of Ingredient	LC50 of Ingredient
Calcium lignosulphonate	8061-52-7 Not found	> 15,000 Oral - rat	Not established

**SECTION 12 – ECOLOGICAL INFORMATION**

No data are available on the adverse effects of this material on the environment.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state, and federal regulations. According to the European Waste Catalogue, waste codes are application-specific and should be assigned by the user based on the application for which the product is used.

**SECTION 14 – TRANSPORT INFORMATION**

<p><b>PROPER SHIPPING NAME:</b> Non-Hazardous for Transport  <b>DOT HAZARD CLASS / PKG GROUP:</b> N/A  <b>REFERENCE:</b> N/A  <b>UN / NA IDENTIFICATION NUMBER:</b> N/A  <b>LABEL:</b> N/A  <b>HAZARD SYMBOLS:</b> N/A</p>	<p><b>IATA HAZARD CLASS / PKG GROUP:</b> N/A  <b>IMDG HAZARD CLASS:</b> N/A  <b>RID / ADR DANGEROUS GOODS CODE:</b> N/A  <b>UN TDG CLASS / PKG GROUP:</b> N/A  <b>HAZARD IDENTIFICATION NUMBER (HIN:)</b> N/A</p>
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Note: Transportation information provided is for reference only. Client is urged to consult 49 CFR 100 – 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials, and methods of shipping.

**SECTION 15 – REGULATORY INFORMATION**

**TSCA (USA – Toxic Substance Control Act)**  
 All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume or Polymer Exemption has been granted in accordance with 40 CFR 723.50.

**SARA TITLE III (USA – Superfund Amendments and Reauthorization Act)**  
 31 1/312 Hazard Categories  
 None

313 Reportable Ingredients: None

**CERCLA (USA – Comprehensive Response Compensation and Liability Act)**  
 None

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**  
 There are no reportable chemicals present known to the State of California to cause cancer or reproductive toxicity.  
**CPR (Canadian Controlled Products Regulations)**  
 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: Not controlled.

**IDL (Canadian Ingredient Disclosure List)**  
 Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**  
 Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**  
 Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 1                      VbK Index: Not applicable

<b>RISK PHRASES:</b> None	<b>SYMBOL(S) REQUIRED:</b> N/A	<b>SAFETY PHRASES:</b> S22 Do not breathe dust S25 Avoid contact with eyes.
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**SECTION 16 – OTHER INFORMATION**

<b>HMIS HAZARD RATINGS:</b>	<b>* = CHRONIC HEALTH HAZARD</b>	<b>2 = MODERATE</b>
<b>HEALTH: 0</b>	<b>0 = INSIGNIFICANT</b>	<b>3 = HIGH</b>
<b>FLAMMABILITY: 0</b>	<b>1 = SLIGHT</b>	<b>4 = EXTREME</b>
<b>PHYSICAL HAZARD: 0</b>		

**PERSONAL PROTECTIVE EQUIPMENT:** E Safety glasses, gloves, dust respirator

**REVISION SUMMARY**

This SDS has been revised in the following sections:  
 Complete format revision for HazCom2012 OSHA  
 GHS SDS

**MSDS PREPARED BY:**

Enviro-Systems, Inc.  
 6400 Highlands Pkwy, Ste D  
 Smyrna, GA 30082  
 Prior: Comprehensive Data Base, Inc.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable, and suits to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.