

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 SUPERSEDES: 12 April 2013	Page 1 of 4
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.

SECTION 5 – FIRE FIGHTING MEASURES								
GENERAL HAZARDS: Product is not considered flammable or combustible.								
EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam.								
FIRE FIGHTING PROCEDURES: None.								
UNUSUAL FIRE AND EXPLOSION HAZARDS: Airborne dusts may form explosive mixtures if allowed to accumulate in confined area at concentrations of 0.2 – 3.5 ounces / cubic foot.								
HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes or vapors, oxides of carbon and sulfur.								
SECTION 6 – ACCIDENTAL RELEASE MEASURES								
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:								
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.								
SECTION 7 – HANDLING AND STORAGE								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: 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.								
SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION								
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				
PERSONAL PROTECTION								
PROTECTIVE EQUIPMENT: 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.								
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals, in general.								
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES								
APPEARANCE AND ODOR: Brown powder, slight characteristic odor pH: 3.5 – 5.0 (3% aqueous suspension) BOILING POINT / BOILING RANGE: Not available FLASH POINT: Non-flammable FLAMMABLE LIMITS: LEL: N/A UEL: N/A AUTOIGNITION TEMPERATURE: N/A					VAPOR PRESSURE: Not available SPECIFIC GRAVITY: (WATER =1) 2.0 - 2.5 SOLUBILITY IN WATER: Complete VISCOSITY: Solid VAPOR DENSITY: (AIR=1) N/A EVAPORATION RATE: (WATER=1) N/A			

SECTION 10 – STABILITY AND REACTIVITY

<p>STABILITY STABLE: X UNSTABLE:</p>	<p>CONDITIONS TO AVOID: Excess heat. Incompatible materials.</p>
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INCOMPATABILITY (MATERIALS TO AVOID:) Strong oxidizers, strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: 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.

HAZARDOUS POLYMERIZATION
MAY OCCUR: **WILL NOT OCCUR:** X

CONDITIONS TO AVOID: 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>PROPER SHIPPING NAME: Non-Hazardous for Transport DOT HAZARD CLASS / PKG GROUP: N/A REFERENCE: N/A UN / NA IDENTIFICATION NUMBER: N/A LABEL: N/A HAZARD SYMBOLS: N/A</p>	<p>IATA HAZARD CLASS / PKG GROUP: N/A IMDG HAZARD CLASS: N/A RID / ADR DANGEROUS GOODS CODE: N/A UN TDG CLASS / PKG GROUP: N/A HAZARD IDENTIFICATION NUMBER (HIN:) 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.

