

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT NAME: Willie Shield
PART NUMBER: WILLIE5, WILLIE5-CON, WILLIE55, WILLIE55-CON
GENERAL USE: Cleaning agent
PRODUCT DESCRIPTION: Amber liquid, mild characteristic odor



MANUFACTURER'S NAME: Enviro-Systems, Inc. **DATE PREPARED:** 21 Feb 2013 **Page 1 of 4**
SUPERSEDES: 12 April 2011

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: Same as Manufacturer

ADDRESS (NUMBER, STREET) Same as Manufacturer **TELEPHONE NUMBER FOR INFORMATION:** Same as Manufacturer

CITY, STATE, AND ZIP CODE Same as Manufacturer **COUNTRY** Same as Manufacturer **EMERGENCY TELEPHONE NUMBER:** Same as Manufacturer

SECTION 2 – HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Health hazard

SIGNAL WORD: Warning

HAZARD STATEMENT(S):

PICTOGRAM: FLAME (see image)

PRECAUTIONARY STATEMENT(S): Non-toxic; may cause gastric distress, vomiting, and diarrhea. Can cause eye and skin irritation upon contact. High concentration of mist may be irritating to respiratory tract.



DESCRIPTION OF HAZARDS NOT OTHERWISE CLASSIFIED: None

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	% by weight	CAS #	EINECS #	Other
Petroleum distillate, aliphatic	10 - 30	64742-89-8	265-192-2	

SECTION 4 – FIRST-AID MEASURES

INHALATION: Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; 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: DO NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Vomiting may be induced only under supervision of a physician.

SECTION 5 – FIRE FIGHTING MEASURES								
GENERAL HAZARDS: Product will support combustion.								
EXTINGUISHING MEDIA: Carbon dioxide, water fog, dry chemical, chemical foam								
FIRE FIGHTING PROCEDURES: Self-contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Caution – material will support combustion!								
UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers can explode due to buildup of pressure when exposed to extreme heat.								
HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes or vapors, oxides of carbon								
SECTION 6 – ACCIDENTAL RELEASE MEASURES								
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CAUTION: WILL SUPPORT COMBUSTION! Evacuate and ventilate area; confine and absorb into approved absorbent; place material into approved containers for disposal; do not wash or discharge to lakes, ponds, sewer or waterway.								
SECTION 7 – HANDLING AND STORAGE								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures, open flames. CAUTION: WILL SUPPORT COMBUSTION. 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
Petroleum distillate, aliphatic	100	2000						
PERSONAL PROTECTION								
RESPIRATORY PROTECTION: None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134, ANSI Z88.2, or European Standard EN 149 for complete regulations.								
PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs.								
EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI 87.1, or European Standard EN166.								
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: 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: Amber liquid, mild characteristic odor pH: Not specified BOILING POINT / BOILING RANGE: > 212°F (> 100°C) TCC FLASH POINT: 201.2°F (94°C) TCC FLAMMABLE LIMITS: LEL: N/A UEL: N/A AUTOIGNITION TEMPERATURE: Not determined					VAPOR PRESSURE: Not specified SPECIFIC GRAVITY: (WATER =1) 0.900 SOLUBILITY IN WATER: Miscible VISCOSITY: Like that of water VAPOR DENSITY: (AIR=1) > 1 EVAPORATION RATE: (WATER=1) < 1			

SECTION 10 – STABILITY AND REACTIVITY			
STABILITY STABLE: X UNSTABLE:		CONDITIONS TO AVOID: None	
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
Petroleum distillate, aliphatic	64742-89-8 265-192-2	Not determined	Not determined
SECTION 12 – ECOLOGICAL INFORMATION			
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product, it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.			
SECTION 13 – DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. This product may produce hazardous vapors in a closed disposal container creating a dangerous environment. Refer to 40 CFR 260 – 299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway. 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			
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		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	
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)
 311 / 312 Hazard Categories
 Immediate health, fire hazard

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: B2 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: A 1

RISK PHRASES: R65 Damaging to lungs when swallowed. R66 Repeated exposure may cause skin dryness or cracking.	SYMBOL(S) REQUIRED:	SAFETY PHRASES: S24/25 Avoid contact with skin and eyes S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this label
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SECTION 16 – OTHER INFORMATION

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

PERSONAL PROTECTIVE EQUIPMENT: B Safety glasses, gloves

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.
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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.