



# MATERIAL SAFETY DATA SHEET

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

<b>PRODUCT NAME:</b> Envirox Dish Safe 126		<b>DATE:</b> October 28, 2011	
<b>PRODUCT NUMBER:</b> 126			
<b>TRADE NAME:</b> Envirox Dish Safe 126 <b>GENERAL USE:</b> Dish Cleaner <b>CHEMICAL FAMILY:</b> Detergent Blend <b>PRODUCT DESCRIPTION:</b> Cloudy/Clear Liquid with Citrus Odor.			
<b>MANUFACTURER:</b> <b>EnvirOx LLC</b>		<b>DATE PREPARED:</b> October 28, 2011 <b>SUPERSEDES:</b> July 29, 2009	
<b>ADDRESS (NUMBER, STREET, P.O. BOX)</b> <b>P.O. Box 2327, 1938 E. Fairchild St.</b>		<b>TELEPHONE NUMBER FOR INFORMATION / Customer Service</b> <b>1-217-442-8596</b>	
<b>(CITY, STATE AND ZIP CODE)</b> <b>Danville, IL. 61834-2327</b>		<b>CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER</b>  <b>1-800-255-3924</b> <b>813-248-0585</b> North America Toll Free      International	
<b>COUNTRY</b> <b>USA</b>			

**SECTION 2 - HAZARDOUS INGREDIENTS**

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
<b>No hazardous ingredients per 29CFR.</b>					
<b>Proprietary non-hazardous ingredients not listed.</b>					
<b>Notes:</b> All SARA Title III materials have been reported. All ingredients contained in this formula are listed on the Toxic Substances Control Act (TSCA) Chemical Inventory.					

**SECTION 3 - HAZARDS IDENTIFICATION**

<b>INHALATION:</b> Unlikely to be a significant route of either acute or chronic exposure.
<b>SKIN:</b> Product may cause mild skin irritation, especially upon prolonged exposure. Product may cause skin dryness.
<b>EYES:</b> Likely to cause mild to moderate eye irritation.
<b>INGESTION:</b> Product has laxative effect, and is likely to cause gastrointestinal distress. Product is of low acute toxicity.
<b>CARCINOGENICITY:</b> NTP? NO      IARC MONOGRAPHS? NO      OSHA REGULATED? NO CALIFORNIA, Prop.65?      NO

**SECTION 4 - FIRST AID MEASURES**

<b>INHALATION:</b> Unlikely route of exposure. Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration if possible. Call a poison control center or doctor for further treatment advice.
<b>EYES:</b> Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Do not use medications except under medical advice.
<b>SKIN:</b> Remove contaminated clothing and rinse with water. Emollients may be used for mild skin dryness.
<b>INGESTION:</b> <b>DO NOT INDUCE VOMITING!!!</b> Call poison control center or doctor immediately for treatment advice; have container or label handy for reference. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

**SECTION 5 - FIRE FIGHTING MEASURES**

<b>GENERAL HAZARDS:</b> Not Flammable.
<b>EXTINGUISHING MEDIA:</b> Choose extinguishing media to fight surrounding fire.
<b>FIRE FIGHTING PROCEDURES:</b> Wear Self-Contained Breathing Apparatus and Chemical Suit when fighting all chemical fires.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> None applicable.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> None known.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b> For small spills (under 1 gallon), flushing product to sanitary sewer is acceptable. For large spills, contain material using dikes and return product to container, then use water to rinse off remainder. Do not discard into lakes or similar bodies of water.
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## SECTION 7 - HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Avoid temperature extremes when storing product. Keep out of the reach of children.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	TWA ppm	PEL mg/m3

**No hazardous ingredients per 29CFR.**

### PERSONAL PROTECTION

**RESPIRATORY PROTECTION:**

Local Exhaust Ventilation is OK. NIOSH/OSHA approved respirators may be used if respiratory irritation occurs.

**PROTECTIVE GLOVES:**

Impervious protective gloves are recommended when handling concentrate and for prolonged exposure.

**EYE PROTECTION:**

Safety glasses with side shields are recommended when a splash hazard exists.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Not generally required. An impervious apron is suggested for situations where a splash hazard exists.

**WORK / HYGIENIC PRACTICES:**

Rinse hands after use and before eating, drinking, smoking, and using toilet facilities.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR</b> Cloudy clear liquid with citrus odor.	<b>VAPOR PRESSURE</b> NE
pH 9.5 ± 0.5%	<b>SPECIFIC GRAVITY (WATER = 1)</b> ~1.01-1.03 (estimated)
<b>BOILING POINT / BOILING RANGE</b> 212°F	<b>SOLUBILITY IN WATER</b> Completely Soluble.
<b>FLASH POINT</b> None	<b>VISCOSITY</b> NA
<b>FLAMMABLE LIMITS</b> LEL: NA                      UEL: NA	<b>VAPOR DENSITY (AIR = 1)</b> NA
<b>AUTOIGNITION TEMPERATURE</b> NA	<b>EVAPORATION RATE (WATER = 1)</b> NA

## SECTION 10 - STABILITY AND REACTIVITY

<b>STABILITY</b>	STABLE                      X	<b>CONDITIONS TO AVOID:</b> None known
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**INCOMPATIBILITY (MATERIALS TO AVOID):**

Strong oxidizers, permanganates, Solid Lye

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

None known

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**CONDITIONS TO AVOID:**

None related to polymerization.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
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**No hazardous ingredients per 29CFR.**

## SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available for this blended product, it is known to be biodegradable however based on the ingredients used in its manufacture.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:**

Biodegradable product may be flushed to sewage treatment facility or landfill. Dispose of container according to State, Federal and Local laws.

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## SECTION 14 - TRANSPORT INFORMATION

<b>PROPER SHIPPING NAME:</b> Cleaning Solution not regulated.			
<b>DOT HAZARD CLASS / Pack Group:</b>	Not regulated	<b>IATA HAZARD CLASS / Pack Group:</b>	Not regulated.
<b>REFERENCE:</b>	None	<b>IMDG HAZARD CLASS:</b>	Not regulated
<b>UN / NA IDENTIFICATION NUMBER:</b>	None	<b>RID/ADR Dangerous Goods Code:</b>	None
<b>LABEL:</b>	None	<b>UN TDG Class / Pack Group:</b>	
<b>HAZARD SYMBOLS:</b>	None	<b>Hazard Identification Number (HIN):</b>	None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 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

<b>TSCA (USA - Toxic Substance Control Act):</b>	All components are listed.		
<b>SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):</b>			
<b>Acute Health:</b>	<b>Yes</b>	<b>Chronic Health:</b>	<b>No</b>
<b>Fire:</b>	<b>No</b>	<b>Sudden Release of Pressure:</b>	<b>No</b>
<b>Reactive:</b>	<b>No</b>		

<b>313 REPORTABLE INGREDIENTS:</b>	<b>None</b>		
<b>CERCLA (USA - Comprehensive Response Compensation and Liability Act):</b>	<b>No</b>		
<b>California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:</b>	<b>No</b>		
<b>CPR (Canadian Controlled Products Regulations):</b>	<b>Referenced.</b>		
<b>IDL (Canadian Ingredient Disclosure List):</b>	<b>Listed.</b>		
<b>DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):</b>	<b>Listed on DSL.</b>		
<b>EINECS (European Inventory of Existing Commercial Chemical Substances):</b>	<b>Referenced.</b>		
<b>WGK Water Quality Index:</b>	<b>1</b>		

## SECTION 16 - OTHER INFORMATION

**Legend:** NA=Not Available, NE= Not Established, ND= Not determined, C= Carcinogen, NTP= National Toxicology Program.

<b>HMIS HAZARD RATINGS</b>	<b>HEALTH:</b>	<b>1</b>	0 = INSIGNIFICANT
<b>Glasses and apron needed for splash hazard only; gloves needed for handling concentrate and for prolonged contact. See Section 8 for information.</b>	<b>FLAMMABILITY:</b>	<b>0</b>	1 = SLIGHT
	<b>PHYSICAL HAZARD:</b>	<b>0</b>	2 = MODERATE
	<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	<b>C</b>	3 = HIGH

**REVISION SUMMARY:**  
 Authored to ANSI. protocols 10/28/2011.LB

<b>MSDS Prepared by:</b> ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com	
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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 suited 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 to 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.