

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Envirox Concentrate 118
PRODUCT NUMBER: 118 **DATE:** August 04, 2008

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store indoors. Store away from strong reducing agents.

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
Hydrogen Peroxide	1	1.4	75 IDLH		1		1	1.4

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.

EYE PROTECTION:

Safety glasses with side shields are recommended where 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:

Wash hands with soap and water after contact.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Clear liquid with a pleasant citrus odor.	VAPOR PRESSURE NE
pH 4.0-4.2	SPECIFIC GRAVITY (WATER = 1) 1.019
BOILING POINT / BOILING RANGE 212 °F	SOLUBILITY IN WATER Completely Soluble.
FLASH POINT None	VISCOSITY NA
FLAMMABLE LIMITS LEL: NA UEL: NA	VAPOR DENSITY (AIR = 1) NA
AUTOIGNITION TEMPERATURE NA	EVAPORATION RATE (WATER = 1) NA

SECTION 10 - STABILITY AND REACTIVITY

STABILITY	STABLE X	CONDITIONS TO AVOID: None known
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INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers, permanganates, reducing agents, acids.

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 # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Hydrogen Peroxide	7722-84-1 231-765-0	Oral, rat: LD50 = 376 mg/kg; Oral, mouse: LD50 = 2000 mg/kg	Inhalation, rat: LC50 = 2000 mg/m3

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.

For Hydrogen Peroxide: Ecotoxicity: Fish: Carp: LC50 = 42 mg/L; 48 Hr; Unspecified Fish: Fathead Minnow: LC50 = 16.4 mg/L; 96 Hr; Fresh water Fish: Fathead Minnow: NOEC = 5 mg/L; 96 Hr; Fresh water Water flea Daphnia: EC50 = 2.4 mg/L; 48 Hr; Fresh water Fish: Channel catfish: LC50 = 37.4 mg/L; 96 Hr; Fresh water No data available.

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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.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Cleaning Solution not regulated.

DOT HAZARD CLASS / Pack Group: Not regulated REFERENCE: None UN / NA IDENTIFICATION NUMBER: None LABEL: None HAZARD SYMBOLS: None	IATA HAZARD CLASS / Pack Group: Not regulated. IMDG HAZARD CLASS: Not regulated RID/ADR Dangerous Goods Code: None UN TDG Class / Pack Group: Hazard Identification Number (HIN): None
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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

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

313 REPORTABLE INGREDIENTS: None

CERCLA (USA - Comprehensive Response Compensation and Liability Act): No
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: No
CPR (Canadian Controlled Products Regulations): Referenced.
IDL (Canadian Ingredient Disclosure List): Listed.
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Listed on DSL.

WGK Water Quality Index: 1

SECTION 16 - OTHER INFORMATION

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

HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 0 0 B	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
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REVISION SUMMARY:
 Revised to ANSI. protocols 8/4/2008 supersedes 6/1/2008 issue.LB

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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.