




MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
PRODUCT NAME: Greasinator RTU					
PRODUCT NUMBER: 146		DATE: October 10, 2009			
TRADE NAME: Greasinator RTU 146 GENERAL USE: Water Soluble Cleaner CHEMICAL FAMILY: Mixed Organic/Inorganic Cleaner PRODUCT DESCRIPTION: Clear liquid with slight odor.					
MANUFACTURER: EnviroX LLC		DATE PREPARED: October 10, 2008 SUPERSEDES: June 1, 2008			
ADDRESS (NUMBER, STREET, P.O. BOX) P.O. Box 2327, 1938 E. Fairchild St.		TELEPHONE NUMBER FOR INFORMATION / Customer Service 1-217-442-8596			
(CITY, STATE AND ZIP CODE) Danville, IL. 61834-2327		COUNTRY USA		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER  1-800-255-3924 01-813-248-0573 North America Toll Free International	
SECTION 2 - HAZARDOUS INGREDIENTS					
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES <small>(Full Text Section 15)</small>
No hazardous ingredients per 29CFR.					
Notes: 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					
INHALATION: Not expected to be a significant route of exposure.					
SKIN: May cause skin irritation if left on for long periods of time. Dry skin or stinging sensation.					
EYES: May cause eye irritation.					
INGESTION: May cause stomach upset, nausea, diarrhea, and cramps. Product is only mildly toxic by ingestion.					
CARCINOGENICITY:					
NTP? NO		IARC MONOGRAPHS? NO		OSHA REGULATED? NO	
CALIFORNIA, Prop.65? NO					
SECTION 4 - FIRST AID MEASURES					
INHALATION: 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.					
EYES: 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.					
SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water. Call a poison control center or doctor for treatment advice.					
INGESTION: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.					
SECTION 5 - FIRE FIGHTING MEASURES					
GENERAL HAZARDS: Not Flammable.					
EXTINGUISHING MEDIA: Carbon Dioxide or Dry Chemical to fight surrounding fire.					
FIRE FIGHTING PROCEDURES: None applicable.					
UNUSUAL FIRE AND EXPLOSION HAZARDS: None applicable.					
HAZARDOUS COMBUSTION PRODUCTS: None known.					

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SECTION 6 - ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:			
Do not flush material into sewers or bodies of water. Use absorbent to trap spilled material, then place in waste container.			
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
	TWA ppm	TWA mg/m3	OSHA
	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 - especially for sustained contact.			
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. Use emollient cleanser for mild dryness of skin.			
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE AND ODOR		VAPOR PRESSURE	
Clear liquid with slight odor.		NE	
pH		SPECIFIC GRAVITY (WATER = 1)	
6.5-7.5		.9992	
BOILING POINT / BOILING RANGE		SOLUBILITY IN WATER	
212°F		Completely Soluble.	
FLASH POINT		VISCOSITY	
None		NA	
FLAMMABLE LIMITS		VAPOR DENSITY (AIR = 1)	
LEL: NA UEL: NA		NA	
AUTOIGNITION TEMPERATURE		EVAPORATION RATE (WATER = 1)	
NA		NA	
SECTION 10 - STABILITY AND REACTIVITY			
STABILITY		CONDITIONS TO AVOID:	
STABLE X		None known	
INCOMPATIBILITY (MATERIALS TO AVOID):			
Strong oxidizers, permanganates, reducing agents, acids.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:			
None known			
HAZARDOUS POLYMERIZATION:		CONDITIONS TO AVOID:	
Will not occur.		None related to polymerization.	
SECTION 11 - TOXICOLOGICAL INFORMATION			
Hazardous Components		CAS #	LD50 of Ingredient
		EINECS #	(Specify Species and Route)
			LC50 of Ingredient
			(Specify Species)
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.			

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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		IATA HAZARD CLASS / Pack Group: Not regulated.																
REFERENCE: None		IMDG HAZARD CLASS: Not regulated																
UN / NA IDENTIFICATION NUMBER: None		RID/ADR Dangerous Goods Code: None																
LABEL: None		UN TDG Class / Pack Group:																
HAZARD SYMBOLS: None		Hazard Identification Number (HIN): 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																		
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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HEALTH:</td> <td style="text-align: center;">1</td> <td>0 = INSIGNIFICANT</td> </tr> <tr> <td>FLAMMABILITY:</td> <td style="text-align: center;">0</td> <td>1 = SLIGHT</td> </tr> <tr> <td>PHYSICAL HAZARD:</td> <td style="text-align: center;">0</td> <td>2 = MODERATE</td> </tr> <tr> <td>PERSONAL PROTECTIVE EQUIPMENT:</td> <td style="text-align: center;">B</td> <td>3 = HIGH</td> </tr> <tr> <td></td> <td></td> <td>4 = EXTREME</td> </tr> </table>		HEALTH:	1	0 = INSIGNIFICANT	FLAMMABILITY:	0	1 = SLIGHT	PHYSICAL HAZARD:	0	2 = MODERATE	PERSONAL PROTECTIVE EQUIPMENT:	B	3 = HIGH			4 = EXTREME
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REVISION SUMMARY:																		
Revised to ANSI. protocols 10/10/2008 supersedes 6/1/2008 issue.LB																		
MSDS Prepared by: 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																		
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.																		