



MATERIAL SAFETY DATA SHEET

ENVIROGREEN

SECTION 1	IDENTIFICATION
PRODUCT:	Product Name: ENVIROGREEN Product Description: Cleaner/Degreaser Intended Use: Cleaning and degreasing ferrous parts
COMPANY IDENTIFICATION	
Supplier:	Ashburn Chemical Technologies 7403 Wright Rd Houston, TX 77041
24 Hour Health Emergency	USA: 800-424-9300 (CHEMTREC)
Transportation Emergency Phone	USA: 800-424-9300 (CHEMTREC)
Product Technical Information	832-399-1015

SECTION 2	HAZARD(S) IDENTIFICATION
POTENTIAL PHYSICAL / CHEMICAL EFFECTS	
POTENTIAL HEALTH EFFECTS	
	If swallowed, may be aspirated and cause lung damage. Excessive exposure to fluid or mists may be irritating to the eyes, nose, throat, and lungs, and may aggravate pre-existing skin conditions, emphysema or asthma.
NFPA Hazard ID:	Health: 1 Flammability: 0 Reactivity: 0
HMIS Hazard ID:	Health 1 Flammability: 0 Reactivity: 0
	This material is not considered to be hazardous according to regulatory guidelines (see (SDS Section 15).
NOTE:	This material is not to be used for any other purpose than intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3	COMPOSITION/INFORMATION ON INGREDIENTS (TRADE SECRET)			
INGREDIENT	CAS#	%	OSHA PEL-TWA	ACGIH TLV -TWA
Ethoxylated alcohol/quaternary amine compound, blend	NA	<5.0	NE	NE
Tetrasodium EDTA	64-02-8	<1.4	ND	ND
Pyrophosphate Tetra potassium	7320-34-5	<2.0	NE	NE
DI water	7732-18-5	70-90	NE	NE

(Ingredients are not subject to Section 313 provisions of SARA title III)

SECTION 4	FIRST AID MEASURES
INHALATION:	Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
SKIN CONTACT:	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
EYE CONTACT:	Immediately flush with water for 15 minutes. If irritation occurs, get medical assistance.
INGESTION:	Seek immediate medical attention. Do not induce vomiting.
NOTE TO PHYSICIAN	If ingested, material may be aspirated into the lungs and cause chemical pneumonia. Treat appropriately.



ASHBURN
Cut - Clean - Protect

SECTION 5	FIRE-FIGHTING MEASURES
EXTINGUISHING MEDIA	
Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames	
Inappropriate Extinguishing Media: Straight Streams of Water	
FIRE FIGHTING	
Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.	
Unusual Fire Hazards: none	
Hazardous Combustion Products: Oxides of carbon and nitrogen compounds.	
FLAMMABILITY PROPERTIES	
Flash Point [Method]: not applicable contains water	
Flammable Limits (Approximate volume % in air): LEL: ND UEL: ND	
Auto ignition Temperature: NA	

SECTION 6	ACCIDENTAL RELEASE MEASURES
PROTECTIVE MEASURES	
See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for Personal Protective Equipment.	
SPILL MANAGEMENT	
Land Spill: Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Recover by pumping or with suitable absorbent.	
Water Spill: Stop leak if you can do it without risk. This material is alkaline and may raise the pH of surface waters with low buffering capacity.	
ENVIRONMENTAL PRECAUTIONS	
Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.	

SECTION 7	HANDLING AND STORAGE
Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature > 40° F.	

SECTION 8	EXPOSURE CONTROLS/PERSONAL PROTECTION
ENGINEERING CONTROLS	
The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider: adequate ventilation should be provided so that exposure limits are not exceeded.	
PERSONAL PROTECTION	
Eye Protection: Wear chemical safety goggles with a faceshield to protect against eye and skin contact when appropriate.	
Skin and Body Protection: If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.	
Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.	
ENVIRONMENTAL CONTROLS See Sections 6, 7, 12, 13	

SECTION 9	PHYSICAL AND CHEMICAL CHARACTERISTICS
Boiling point @ 760 mm Hg	>212°F
Vapor pressure at 20 °C	>1
Vapor density (air = 1)	>1
Solubility in water	Complete
Appearance and odor	green fluid, mild odor
Specific gravity (H ₂ O =1.0)	1.01
pH @ 20:1	9.3-9.9
pH	11.5-12.2
Evaporation rate (butyl acetate = 1)	<1
VOC %	0

SECTION 10	STABILITY AND REACTIVITY
Material is stable/unstable	Stable
Conditions to avoid	Avoid contact with strong acids.
Incompatibility (materials to avoid)	Avoid contact with strong acids
Hazardous decomposition or by-products	None Known
Hazardous polymerization will/will not occur	Will not occur

SECTION 11	TOXICOLOGICAL INFORMATION
Threshold limit value	Not Established
Primary route(s) of entry	Skin
Known Hazards Under 29 CFR 1910.1200	
Mutagenic (genetic defects)	None
Reproductive	None
Systemic	None
Teratogenic (birth defects)	None
Carcinogen listed in:	
NTP (National Toxicology Program)	NO
IARC Monographs	NO
OSHA	NO
Signs and symptoms of exposure	
Inhalation	No irritation under normal conditions.
Skin contact	No irritation under normal conditions.
Eye contact	Will cause irritation.
Ingestion	May cause nausea

SECTION 12	ECOLOGICAL INFORMATION
ECOTOXICITY	This material is alkaline and may raise the pH of surface waters with low buffering capacity. Not expected to demonstrate chronic toxicity to aquatic organisms.
MOBILITY	Soluble in water
PERSISTENCE AND DEGRADABILITY	
Biodegradation:	Expected to be slowly biodegradable. Natural carbon dioxide will slowly neutralize this material.

SECTION 13	DISPOSAL CONSIDERATIONS
<p>RCRA Information: The unused product is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit hazardous characteristics of ignitable, corrosive or reactive materials and does not contain hazardous materials as determined by the (TCLP) Toxicity Characteristic Leaching Procedure However, used product may be regulated.</p> <p>Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty drums should be taken for recycling, recovery or disposal through licensed contractor in accordance with government regulations.</p>	

SECTION 14	TRANSPORTATION INFORMATION
LAND (DOT):	Not Regulated for Land Transport
SEA (IMDG):	Not Regulated for Sea Transport according to IMDG-Code
AIR (IATA):	Not Regulated for Air Transport



SECTION 15	REGULATORY INFORMATION
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OSHA HAZARD COMMUNICATION STANDARD: As supplied, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

NATIONAL CHEMICAL INVENTORY LISTING: All materials are listed on TSCA

EPCRA: This material contains no extremely hazardous substances.

CERCLA: This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

SARA (313) TOXIC RELEASE INVENTORY: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

SECTION 16	OTHER INFORMATION
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DATE PREPARED: 10/16/13

NA – not applicable

NR – not reported

ND – not determined

NE – not established

UN – unknown

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The information presented in this MSDS has been compiled from sources deemed reliable. This MSDS is presented in good faith and believed to be accurate as of the effective date shown above. No warranty, expressed or implied, is given.

Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buyer to insure compliance with federal, state, provincial and local laws and regulations.