

# Material Safety Data Sheet

Enviroblend, Inc.

Type Q Fluid 03/16/2011

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## SECTION 1 - IDENTIFICATION OF SUBSTANCE AND COMPANY

<b>Product Name:</b>	Type Q Fluid	<b>Product Code</b>	244854F
<b>Chemical Name:</b>	Acrylamide / acrylate polymer		

<b>Use of Substance / Preparation:</b>	Pump Chamber Fluid
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<b>Supplier:</b>	Enviroblend, Inc.	Phone: 615-382-8215	<b>HMIS</b>	
	P.O. Box 329	Fax: 615-382-8216	Health	1
	Springfield, TN 37172		Flammability	1
			Reactivity	0
			Gloves & Safety Glasses	
<b>Emergency Phone Numbers:</b>	Enviroblend, Inc.	615-382-8215		
	CHEMTREC (Transportation)	+1-703-527-3887		

## SECTION 2 - HAZARDS IDENTIFICATION

### HAZARD CLASSIFICATION:

This product is not classified as dangerous in accordance with Directives 67/548/EEC or 1999/45/EC. Any disclosed substance(s) are present below hazardous concentration levels for the product classification.

## SECTION 3 - INFORMATION ON INGREDIENTS

### Hazardous and regulated components

Component	EINCE/ ELINCS #	CAS #	SYMBOL	R-PHRASES / NOTAS	% (W/W)
Ethoxylated C10-16 Alcohol	Polymer	Polymer	Xi,N	R36, R51/53	1 - 5
Hydrotreated light distillate	265-149-8	64742-47-8	Xn	R65	10 - 30

Refer to Section 16 for descriptions of relevant risk phrases and NOTAS.

## SECTION 4 - FIRST AID MEASURES

**Skin: -----** Remove contaminated clothing. Wash affected area thoroughly with soap and water.

**Eyes: -----** Immediately flush with plenty of water for at least 15 minutes; ensure water flushing of entire surface of eye and lid. Obtain medical attention if irritation persists.

**Inhalation: --** Move to fresh air, treat symptomatically. If symptoms develop, seek medical

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advice.

**Ingestion:----** Do not induce vomiting without medical advice. If conscious, wash out mouth and give water to drink. If symptoms develop, seek medical advice. Never give anything by mouth to an unconscious person

**Physicians Note:** No specific antidote is known. Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical condition. If swallowed a jelly mass may form which in digestion may cause blockage.

### SECTION 5 - EXPLOSION AND FIRE FIGHTING MEASURES

Flash Point	Method Used	Flammable	LEL	UEL
Non Flammable	N/A	Limits	N/A	N/A

#### Extinguishing media:

Foam, Fry powder, Carbon dioxide, other extinguishing agent suitable for Class B fires.  
Do Not use water unless flooding amounts are available.

#### Unsuitable extinguishing Media:

Do not use water unless flooding amounts are available.

#### Special Fire Fighting Procedures:

Wear MSHA/NIOSH approved self-contained breathing apparatus. Use water spray to cool fire-exposed containers.

#### Unusual and Explosion Hazards:

May evolve oxides of carbon (COx) and nitrous oxide under fire conditions. Water in contact with the product will cause slippery floor conditions.

### SECTION 6 - ACCIDENTAL RELEASE / SPILL PROCEDURES

#### Steps to be taken in case material is released or spilled:

#### SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

#### INITIAL CONTAINMENT:

Dike to contain spill, cover with inert absorbent material, sweep up, and place in suitable container.

#### LARGE SPILLS PROCEDURE:

Dike to prevent further movement and reclaim into recovery or salvage drums or tank truck for disposal. For large indoor spills, evacuate employees and ventilate area.

#### SMALL SPILLS PROCEDURE:

Absorb spills with inert material. Treat or dispose of waste material in accordance with

all local, state - provincial, and national requirements.

**SECTION 7 - HANDLING AND STORAGE**

**HANDLING:**

Do not take internally. Have emergency equipment (for fires, spills, leaks, etc) readily available. Ensure all containers are labeled. Do not get in eyes, on skin, on clothing. Use with adequate ventilation. Keep the containers closed with not in use.

**STORAGE CONDITIONS:**

Keep container tightly closed. Store in cool, dry location. Store separately from oxidizers. Keep from freezing.

Any use of this product in elevated temperature processes should be evaluated to establish and maintain safe operating procedures.

**SECTION 8 - PERSONAL PROTECTION**

**Respiratory Protection:**

Use a NIOSH approved respirator when exposure to vapors or mists is anticipated.

**Ventilation:**

Local Exhaust is recommended when handling generated mists

**Protective Gloves:**

Neoprene, nitrile, PVC, Butyl,  
Natural Rubber, Viton.

**Eye Protection:**

Safety glasses with side shields

**Hygiene Recommendations:**

Use good work and personal hygiene practices to avoid exposure. Keep an eye wash fountain available. Keep a safety shower available. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

**Other Protective Equipment:**

Wear an impervious apron and have eyewash facility close by.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	N/A	<b>pH:</b>	8
<b>Specific Gravity:</b>	1.03 - 1.07	<b>Solubility in Water:</b>	Emulsifiable
<b>Vapor Pressure:</b>	N/I	<b>% Solid by Weight:</b>	N/I

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<b>Vapor Density:</b>	N/I	<b>Material Is:</b>	Liquid
<b>VOC Content:</b>	27.4 EPA Method 24	<b>Freezing Point:</b>	< -4 <sup>0</sup> F.
<b>Evaporation Rate:</b>	N/I	<b>Pour Point:</b>	< -36 <sup>0</sup> F.
<b>Viscosity:</b>	400 – 1200 cps @ 77 F		

## Appearance and Odor:

Clear to opaque, off-white, slight hydrocarbon odor.

## SECTION 10 - STABILITY AND REACTIVITY

<b>Stability</b>	Stable
<b>Conditions to avoid:</b>	Avoid water contamination which may cause gelling.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to avoid:</b>	Freezing Temperatures
<b>Incompatible materials:</b>	Oxidizers
<b>Hazardous decomposition Products:</b>	None under normal use conditions, oxides of carbon and nitrous oxide may be formed when burned.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Acute Toxicity:

No Toxicity studies have been conducted on this product. Based on the manufacturers hazard characterization, the potential human hazard is moderate.

### SENSITIZATION:

This product is not expected to be a sensitizer

### CARCINOGENICITY:

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), The National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH)

## SECTION 12 - ECOLOGICAL INFORMATION

### AQUATIC DATA:

#### Acute Fish Results:

Species	Exposure	LC50	NOEC	Test Descriptor
Sheepshead Minnow	96 hrs	> 1,000 mg/l	1,000 mg/l	1% Aqueous solution of a similar product.
Rainbow Trout	96 hrs	> 1,000 mg/l	125 mg/l	1% Aqueous solution of a similar product.
Fathead Minnow	96 hrs	34.3 mg/l	12.5 mg/l	Product

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### Acute Invertebrate Results:

Species	Exposure	LC50	EC50	Test Descriptor
Daphnia magna	48 hrs	280 mg/l		1% Aqueous solution of a similar product.
Mysid shrimp	96 hrs	400 mg/l		1% Aqueous solution of a similar product.

### MOBILITY:

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models. If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages:

Air	Water	Soil/Sediment
<5%	10 – 30%	70 - 905

### BIOACCUMULATION POTENTIAL

This preparation or material is not expected to bioaccumulate.

## SECTION 13 - DISPOSAL CONSIDERATIONS

If this preparation becomes a waste the final user must define and assign the appropriate European Waste Catalogue code. Use only authorized contractors. Ensure compliance with EC, national and local regulations.

Dispose of wastes in an approved incinerator or waste treatment/disposal site, in accordance with all applicable regulations. Do not dispose of wastes in local sewer or with normal garbage. This product is ashless and can be burned directly in appropriate equipment. Any chemical waste is a potential environmental pollutant and is NOT suitable for disposal via ground, municipal sewers, drains, natural streams or rivers.

Empty drums should be taken for recycling, recovery, or disposal through a suitable qualified or licensed contractor.

## SECTION 14 - TRANSPORTATION INFORMATION

This product is not regulated during transportation for Land, Air (ICAO/IATA) or Marine (IMDG/IMO)

**SECTION 15 - REGULATORY INFORMATION**

**CLASSIFICATION AND LABELLING:**

This preparation is not regulated; however, we recommend the following safety precautions:

**SAFETY PHRASES**

S24/25 – Avoid contact with skin and eyes.

S37/39 – Wear suitable gloves and eye/face protection.

**INTERNATIONAL CHEMICAL CONTROL LAWS:**

**EUROPE:**

The substances in this preparation have been reviewed for compliance with the EINC S or ELINC S inventories.

**UNITED STATES:**

The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710).

**CANADA:**

The substances in this preparation are included in or exempted from the Domestic Substance List (DSL).

**JAPAN:**

This product contains substances which are not in compliance with the Law Regulating the Manufacture and Importation Of Chemical Substances and are not listed on the Ministry of International Trade & Industry List (MITI).

**SECTION 16 - OTHER INFORMATION**

**LIST OF RELEVANT R-PHRASES AND NOTAS IN SECTION 3**

R36 – Irritating to eyes.

R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 – Harmful: may cause lung damage if swallowed.

Prepared by: JBV

Revision Date: Original 07/21/2009

Revision Date: 03/16/2011 – date change

**NOTICE**

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