



Dynaflux SDS 733B 12/19/2024

**Safety Data Sheet**

Product: Enviro Gel Heavy Duty Nozzle Gel

**Part 1: Identification of the Substance/Mixture and of the Company/Undertaking.**

Identification 733B

Product Use Description: Protects against weld spatter build-up on nozzles, tips and positioners.

Trade Name: Enviro Gel Heavy Duty Nozzle Gel (Water based)

Manufacturers Name: Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Emergency Telephone Number: Chemtel: For U.S.: 800-255-3924 International: 813-248-0585

**Part 2: Hazards Identification****GHS: Subcategory 2B****Emergency Overview:**

Green, odorless, gel. This material is subject to no hazardous decomposition or hazardous polymerization.

**Exposure routes:**

Eyes, Skin Contact, Inhalation, Ingestion.

**Eye contact**

Slight irritant. May cause redness.

**Skin contact**

Slight irritant. Repeated contact may cause drying of skin.

**Inhalation**

No health effects anticipated with the breathing and inhalation of vapor.

**Ingestion**

Slight irritant. Unlikely route of entry. Drink water. No first aid measures required

**Chronic Effects:**

No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen.

**Physical Hazards:**

None

HMIS Rating (U.S.) Health 0, Flammability 0, Reactivity 0

NFPA Rating (U.S.) Health 0, Flammability 0, Reactivity 0

Continued

### Part 3: Composition / Information on Ingredients

Hazardous Ingredients	CAS No.	OSHA PEL	ACGIH TLV	LD50	LC50
None					

### Part 4: First Aid Measures

#### GHS: Subcategory 2B

#### Eyes

Check for and remove any contact lenses. Flush with water for 15 minutes. Seek medical attention if irritation continues.

#### Skin

After contact with skin, wash immediately with plenty of water. If irritation persists, seek medical attention.

#### Inhalation

Not Applicable. No health effects associated with inhalation.

#### Ingestion:

If swallowed do not induce vomiting. Seek immediate medical attention.

### Part 5: Fire Fighting Measures

**Flammability Classification:** Non-flammable.

**Means of Extinction:** Use NFPA Class B extinguishers, CO2 or dry chemical.

**Fire Fighting Instructions/Equipment:** Wear self-contained breathing apparatus pressure demand.

**Flash Points:** None

**Auto-Ignition Temperature:** Not Applicable.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide.

### Part 6: Accidental Release Measures

#### Small spill cleanup:

Collect all spilled material (absorb with inert material) and place in a waste container. Seal and label the container as waste. Dispose of in accordance with local, state and federal regulations.

Keep out of reach of children.

### Part 7: Handling and Storage

#### Handling

Do not get in eyes, on skin or on clothing. Keep container closed. Promptly clean up spills. Wash thoroughly after handling.

#### Storage

Store at temperatures below 150°F (65°C) and avoid freezing. . Keep container tightly closed. Do not incinerate containers.

### Part 8: Exposure Controls / Personal Protection

#### Engineering Controls:

Use with adequate ventilation.

#### Skin Protection:

Wear protective clothing and gloves for repeated exposure.

#### Eye Protection:

Wear chemical goggles.

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## Part 9: Physical and Chemical Properties

<b>Physical State :</b>	Gel
<b>Odor and Appearance:</b>	Green
<b>Specific Gravity (H2O=1):</b>	1.00 (8.34 lbs./gal)
<b>pH:</b>	8-10
<b>Boiling Point:</b>	212°F
<b>Freeze Point:</b>	32°F (0°C)
<b>Vapor Pressure:</b>	(mm Hg and Temp): 17.6mm Hg @20°C
<b>Vapor Density:</b>	Not Available
<b>Volatility:</b>	Not Available
<b>Density</b>	1.0
<b>Solubility in water:</b>	Complete
<b>VOC's</b>	3.0%

## Part 10: Stability and Reactivity

### Stability

Stable

### Conditions to avoid

None Known

### Polymerization

Will not occur.

## Part 11. Toxicological Information

**Routes of Entry:** Eye contact. Skin contact.

**Toxicity to Animals:** LD50: Not Available. LC50: Not Available.

**Carcinogenicity:** No ingredients known to be carcinogens.

**Reproductive Toxicity:** Not Applicable

**Teratogenicity:** No effects determined.

**Mutagenicity:** No effects determined.

## Part 12. Ecological Information

### Acute Data:

The organic portions of this product are biodegradable.

### Part 13. Disposal Considerations

**Disposal Method:** dispose in accordance with federal, state and local regulations.

### Part 14. Transport Information

This material is Non-Hazardous (Per 49 CFR 172.101) by the U.S. Department of Transportation.

**Proper shipping name:** Welding Compounds

**This material is not regulated as a hazardous material.**

**UN Proper Shipping Name:** Not Applicable

**Hazardous Class or Division:** Not Applicable

**UN Number:** Not Applicable

**Packaging Group:** Not Applicable

**IMDG:** Not regulated

### Part 15. Regulatory Information

**U.S. EPA SARA sec. 311/312 Hazard Categories:** Not Hazardous.

**Canadian WHMIS Status:** This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**U.S. Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

**EPA SARA 313:** This products no components that are regulated under SARA Title III, Section 313.

**California Proposition 65:** This product contains no chemical components which are known to the State of California to cause cancer, reproductive toxicity or birth defects.

### Part 16. Other Information

Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120

Prepared by: Michael Pogue

Date prepared: 12/19/2024

Revised: 12/19/2024

#### **Disclaimer of Expressed and implied Warranties:**

The information presented in this Material Safety Data Sheet is based on data believed to be accurate as of the date of the Material Safety Data sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.