

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: EF [®] Accelerator 33	Product Type: Accelerator
Company : Hernon Manufacturing, Inc. 121 Tech Drive Sanford, FL 32771	Contact Information: Telephone: 407-322-4000 Emergency Telephone: 800-255-3924 Web Site: www.hernonmfg.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Glycol Ether	60-100	100 ppm TWA 150 ppm STEL, Skin	100 ppm TWA	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
 Color: Clear, colorless
 Odor: Mild

HMIS:
 HEALTH: 1
 FLAMMABILITY: 2
 PHYSICAL HAZARD: 0
 Personal Protection: See Section 8

WARNING: MAY CAUSE SLIGHT EYE IRRITATION.
 MAY CAUSE RESPIRATORY TRACT IRRITATION.

Primary Routes of Entry: Inhalation, Eyes

Signs and Symptoms of Exposure:

Inhalation: Excessive exposure may cause irritation to upper respiratory tract. Signs and symptoms of excessive exposure may be anesthetic or narcotic effects.

Skin contact: Prolonged exposure not likely to cause significant skin irritation.

Eye contact: May cause slight temporary eye irritation.

Ingestion: Single dose oral toxicity is considered to be extremely low.

Existing Conditions Aggravated by Exposure: Eye and respiratory disorders.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point (TCC):	175°F
Recommended Extinguishing Agents:	Water fog or fine spray, carbon dioxide, foam, dry chemical
Special Firefighting Procedures:	Do not use direct water stream. Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide.
Unusual Fire or Explosion Hazards:	Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Spills of these organic liquids on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.
Flammable/Explosive Limits – lower %:	1.1 vol% at 100°C
Flammable/Explosive Limits – upper %:	14 vol% at 150°C

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear proper protective equipment
Measures for Environmental Protection:	Do not allow entry into drains or surface waters
Clean-up Measures:	Soak up with an inert absorbent. Store in partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
Storage:	Store between 46° and 82°F unless otherwise labeled to preserve shelf life.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye/Face Protection:	Safety glasses or goggles with side shields
Skin Protection:	Use rubber or plastic gloves, and protective clothing as necessary
Respiratory Protection:	Use NIOSH approved respirator if there is a potential to exceed exposure limits
Engineering Controls:	Forced ventilation may be required if concentrations exceed exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, colorless
Odor:	Mild
Vapor Pressure:	0.41 mmHg at 25°C
Vapor Density:	5.14
Solubility in Water:	Infinite
Specific Gravity:	0.95
Boiling Point:	> 300°F
Volatile Organic Compound Content	951 g/L
Evaporation Rate (Ether = 1)	Not available
pH:	Does not apply

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Does not normally decompose. Hazardous decomposition products depend upon temperature, air supply and the presence of other materials.
Incompatibility:	Oxidizers.

11. TOXICOLOGICAL INFORMATION

Ingredients:	Literature Referenced Target Organ and Other Health Effects			Carcinogen Status		
	IRR	KID	LIV	NTP	IARC	OSHA
Glycol Ether	IRR	KID	LIV	NO	NO	NO

Abbreviations:

IRR Irritant KID Kidney LIV Liver

12. ECOLOGICAL INFORMATION

Water Hazard:	Do not allow entry into drains or surface waters
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13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal:	Dispose of according to Federal, State and Local regulations.
EPA Hazardous Waste Number:	Not an RCRA hazardous waste

14. TRANSPORTATION INFORMATION

U.S. Dept. of Transportation Ground (49 CFR):

Proper Shipping Name Unrestricted
Hazard Class or Division: None
Identification Number None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper Shipping Name: Unrestricted
Hazard Class or Division: None
Identification Number None
Packing group: None

Water Transportation (IMO/IMDG):

Proper Shipping Name: Unrestricted
Hazard Class or Division: None
Identification Number None
Packing group: None
Marine pollutant: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): None

16. OTHER INFORMATION

Prepared By: Jerry Litteral
Title: Director - Quality & Development

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