

1. PRODUCT AND COMPANY IDENTIFICATION

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| Product Name: EF® Accelerator 58C | Product Type: Concentrate for EF® Accelerator 58 |
| Company : Hernon Manufacturing, Inc. 121 Tech Drive Sanford, FL 32771 | Contact Information: Telephone: 407-322-4000 Emergency Telephone: 800-255-3924 Web Site: www.hernon.com |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
Color: Light yellow
Odor: Sweet

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

CAUTION: MAY CAUSE EYE, AND SKIN IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Primary Routes of Entry: Skin, Inhalation

Signs and Symptoms of Exposure:

Inhalation: May cause respiratory tract irritation.

Skin contact: Rapidly absorbed through the skin. Irritating to the skin.

Eye contact: Contact with eyes will cause irritation.

Ingestion: May be harmful if swallowed.

Existing Conditions Aggravated by Exposure: Eye, skin, and respiratory disorders.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Components</u> | <u>%</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u> |
|-----------------------|----------|------------------|------------------|------------------|
| N, N-Dialkyltoluidine | 100 | None established | None established | None established |

4. FIRST AID MEASURES

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

Inhalation: This material may cause high methemoglobin levels in the blood. Symptoms include, headaches, dizziness, bluish lips and fingernails. Remove immediately to fresh air. Consult a physician

Skin Contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

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.

Note to Physician: The presence of this material in the body leads to methemoglobin formation, which, in sufficient levels, causes cyanosis. This is reversed spontaneously after termination of exposure. Treat cyanosis with supportive measures such as bed rest and oxygen inhalation. Thoroughly cleanse the entire contaminated area of the body. If extensive cyanosis is present treat with methylene blue and vitamin B-12.

5. FIRE FIGHTING MEASURES

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| Flash Point (TCC): | 181°F |
| Recommended Extinguishing Agents: | Carbon dioxide, foam, dry chemical, water |
| Special Firefighting Procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Hazardous Combustion Products: | Irritating organic vapors. |
| Unusual Fire or Explosion Hazards: | None |
| Flammable/Explosive Limits – lower %: | Not available |
| Flammable/Explosive Limits – upper %: | Not available |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | Wear proper protective equipment |
| Measures for Environmental Protection: | Do not allow entry into drains or surface waters |
| Clean-up Measures: | Small spills may be absorbed with diatomaceous earth. Vacuum up puddles or absorb with diatomaceous earth, or oil absorbing material and pick up for disposal. |

7. HANDLING AND STORAGE

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| 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

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| Eye/Face Protection: | Goggles & full face shield. |
| Skin Protection: | Use rubber gloves, and protective clothing as necessary |
| Respiratory Protection: | If respiratory protection is needed, use an appropriate full face NIOSH approved respirator for organic vapors or mists. |
| Engineering Controls: | Mechanical and local. Good general ventilation (typically 10 air changes per hour) should be sufficient to control airborne levels. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces, spraying, heating, etc. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State: | Liquid |
| Color: | Light yellow. Darkens on exposure to light and moisture. |
| Odor: | Sweet |
| Vapor Pressure: | 5 mm at 162°F |
| Vapor Density: | Not available |
| Solubility in Water: | Insoluble |
| Specific Gravity: | 0.935 |
| Boiling Point: | 419°F |
| Volatile Organic Compound Content | Not available |
| Evaporation Rate (Ether = 1) | ~0.5 |
| pH: | Does not apply |

10. STABILITY AND REACTIVITY

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| Stability: | Stable |
| Hazardous Polymerization: | Will not occur |
| Hazardous Decomposition Products: | Carbon monoxide, carbon dioxide, oxides of nitrogen. |
| Incompatibility: | Strong oxidizers, acids, bleach |

11. TOXICOLOGICAL INFORMATION

| Ingredients: | Literature Referenced Target Organ and Other Health Effects | | | | Carcinogen Status | | |
|------------------------------|--|-----|-----|-----|-------------------|------|------|
| | BLO | CNS | LIV | SKI | NTP | IARC | OSHA |
| N, N-Dialkyltoluidine | BLO | CNS | LIV | SKI | NO | NO | NO |

Abbreviations:

| | | | | | | | |
|------------|-------|------------|------------------------|------------|-------|------------|------|
| BLO | Blood | CNS | Central Nervous System | LIV | Liver | SKI | Skin |
|------------|-------|------------|------------------------|------------|-------|------------|------|

12. ECOLOGICAL INFORMATION

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| Ecological information: | Not available |
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13. DISPOSAL CONSIDERATIONS

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| 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 Toxic Liquid, organic nos
Hazard Class or Division: 6.1
Identification Number UN2810
Packing group: III

International Air Transportation (ICAO/IATA):

Proper Shipping Name: Toxic Liquid, organic nos
Hazard Class or Division: 6.1
Identification Number UN2810
Packing group: III

WaterTransportation (IMO/IMDG):

IMDG Code: pg 6270-1

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

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Title: Director - Quality & Development

DISCLAIMER: Some of the information presented is from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.