



North America's Leader in Hazardous Material Information Management

1905 Aston Avenue, Carlsbad, CA 92008

Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 03/02/2009
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Ford Motor Company

Product Name: Premium Fuel Injector Cleaner (DISCONTINUED)



Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1
Release Date: 2004-11-24

1. Product and Company Identification

Product Name: PREMIUM FUEL INJECTOR CLEANER
Product Code: See Attachment
Application: FUEL INJECTOR CLEANER
Supplier: Ford Motor Company
 Attention: MSDS Information, P.O. Box 1899
 Dearborn, Michigan 48121
 1-800-392-3673
Emergency Telephone: Poison Control Center: 1-800-959-3673
 CHEMTREC: U.S. and Canada: 1-800-424-9300
 CHEMTREC: International: 1-703-527-3887

2. Composition/Information on Ingredients

This chemical product is a preparation.

Chemical Name	CAS Number	Percent Concentration	Hazard Classification
NAPHTHALENE	91-20-3	1-5	CAA-HAP HAZCOM RQ SARA 313 WHMIS 1

3. Hazards Identification

FLAMMABLE

Health: This product is irritating to the eyes and skin.
 This product may be fatal if it is swallowed.
 This product is harmful by inhalation, when in contact with the skin and if it is swallowed.
 This product may cause an allergic skin reaction.
 This product may be harmful or toxic by skin absorption.
 Overexposure may cause central nervous system effects.

Environment: Material contains a chemical which is a Hazardous Air Pollutant (HAP), regulated by the United States Clean Air Act.

4. First-Aid Measures

Inhalation: If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air.

Skin Contact: For skin contact, wash immediately with soap and water.
 If irritation persists, get medical attention.



Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1

Release Date: 2004-11-24

Eye Contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

5. Fire-Fighting Measures

Extinguishing Media: Dry chemical, foam, carbon dioxide.

Specific Methods: Water may be used to cool exposed containers to prevent pressure build-up and explosion when exposed to extreme heat.

Specific Hazards: Empty containers may retain product residue including Flammable or Explosive vapors. Do not cut, drill, grind, or weld near full, partially full, or empty product containers.
Fire and Explosion hazards are DANGEROUS when this material is exposed to heat or flame.
Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

Protection of Firefighters: Wear self-contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Avoid inhalation of vapor, fumes, dust and/or mist from the spilled material.
Avoid skin contact with the spilled material.
Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
Ventilate the contaminated area.
Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions: Do not allow this material to drain into sewers/water supplies.

Methods for Cleaning Up: Absorb the spilled material with an inert absorbent (nonflammable) material.
Contain the discharged material.

7. Handling and Storage

Handling:

Technical Measures: Keep this product from heat, sparks, or open flame.

Precautions and Advice for Safe Handling: Avoid getting this material into contact with your skin and eyes.
Do not breathe gas/fumes/vapor/spray.
Use this product with adequate ventilation.



Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1
Release Date: 2004-11-24

Storage:

Technical Measures: No special precautions.

Storage Conditions: Store this product in a cool, dry, well-ventilated place.

8. Exposure Controls/Personal Protection

Engineering Measures: Eyewash and emergency showers are recommended.
Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

Exposure Limits:

Chemical Name	TWA 8 hr	STEL/C	References
NAPHTHALENE	10(ppm)	15(ppm)	ACGIH
	10(ppm)	50(ppm)	OSHA

Personal Protective Equipment:

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

Hand Protection: The use of nitrile-latex gloves is recommended.

Eye Protection: Wear chemical goggles.

Skin and Body Protection: Remove contaminated clothing and wash before reuse.

Hygiene Measures: When using this material, do not eat, drink or smoke.



Mercury

Motorcraft

Rotunda

Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1
Release Date: 2004-11-24

9. Physical and Chemical Properties

Specific Gravity: N.AV
Physical State: LIQUID
Odor: PETROLEUM
Color: CLEAR AMBER
pH: N.AV
Temperature Range During which Changes in Physical State Occur:
Flash Point: +35 C (95 F)
Explosion Properties:
UEL: N.AV
LEL: N.AV
Solubility: ND
Viscosity: 41.7@38C CST
Evaporation Rate: N.AV

10. Stability and Reactivity

Stability: Hazardous polymerization will not occur.
This is a stable material.

Conditions and Materials to Avoid: This product may react with strong oxidizing agents (bleach--sodium hypochlorite, calcium hypochlorite, hydrogen peroxide, permanganate, nitric acid, concentrated OXYGEN, perchlorates).

Hazardous Decomposition Products: Irritating and/or toxic fumes may be emitted upon the product's decomposition.

11. Toxicological Information

Inhalation: Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.
Exposure to oil mist/fume/vapor may cause respiratory tract irritation.

12. Ecological Information

No specific aquatic data available for this product.

13. Disposal Considerations

Waste from Residues: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.

Contaminated Packaging: No available information.



Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1
Release Date: 2004-11-24

14. Transport Information

U.S. Department of Transportation (DOT) 49 - CFR 172.101

Proper Shipping Name: Flammable liquids, n.o.s. (KEROSENE)

UN Number: UN1993

Hazard Class / Division: 3

Packing Group: III

Reportable Quantity (per packaging):

CAS	RQ	Name
71-43-2	100000	BENZENE
91-20-3	10000	NAPHTHALENE
108-88-3	>100000	TOLUENE

Regulated Quantity:

Bulk	Non-Bulk	Limited Quantity
X	X	

Label: FLAMMABLE LIQUID

Canadian Transportation of Dangerous Goods (T.D.G.) -TDGR Schedule II

Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S. (KEROSENE)

UN Number: UN1993

Hazard Class / Division: 3

Packing Group: III

Regulated Quantity:

Bulk	Non-Bulk	Limited Quantity
X	X	

Label: FLAMMABLE LIQUID



Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1
Release Date: 2004-11-24

Secretary of Communication and Transportation (SCT)- NOM-002-SCT2/1994 (Mexico)

Proper Shipping Name: LIQUIDO INFLAMABLE, N.E.P. (KEROSENE)
 UN Number: UN1993
 Hazard Class/Division: 3
 Packing Group: III
 Regulated Quantity:

Bulk	Non-Bulk	Limited Quantity
X	X	

Label: FLAMMABLE LIQUID

International and Domestic Air Transportation - ICAO & IATA Section 4.2

Proper Shipping Name: Flammable liquids, n.o.s. (KEROSENE)
 UN Number: UN1993
 Hazard Class/Division: 3
 Packing Group: III
 Label: FLAMMABLE LIQUID

International Water Transportation - IMDG Code Amendment 31-02

Proper Shipping Name: Flammable liquids, n.o.s. (KEROSENE)
 UN Number: UN1993
 Hazard Class/Division: 3
 Packing Group: III
 Regulated Quantity:

Bulk	Non-Bulk	Limited Quantity
X	X	

Label: FLAMMABLE LIQUID

15. Regulatory Information

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer.

Material contains a chemical which is a Ford Motor Company Material of Concern. Use and release of this material should be minimized to the greatest extent possible.

This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

This product contains an ingredient(s) considered to be a "toxic or hazardous substance" by the Commonwealth of Massachusetts (Massachusetts Right to Know Law).

This product contains an ingredient(s) considered to be a hazardous substance by the State of Pennsylvania (Pennsylvania Worker and Community Right to Know Act).



Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1

Release Date: 2004-11-24

This product contains an ingredients(s) considered to be a hazardous substance(s) by the State of New Jersey.

16. Other Information

Key/Legend: N.AP = Not applicable; N.AV = not available; ND = Not determined or No data; TLV = Threshold limit value;
TWA = Time-weighted average; STEL = Short-term exposure limit; C = Ceiling limit

Preparation Information:

The chemical identification and properties for this material were provided by the manufacturer. For Canadian locations, a manufacturer's MSDS is available upon request. Health and safety information has been evaluated by the Occupational and Environmental Health Sciences Department, Ford Motor Company, Central Laboratory Building - Room S-120, 15000 Century Drive, Dearborn, MI 48120

Disclaimer:

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.



Material Safety Data Sheet

Product Name: PREMIUM FUEL INJECTOR CLEANER
FIR No. 167146
Version Number: US-US-2

Level: 1
Release Date: 2004-11-24

Attachment			
Product Code	Container Size	Part of Kit	Kit Product Code
PM-6	12 fl oz		