MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name:

NONROAD 15NR2 B2 WB

Manufacturer Information:

Philadelphia Energy Solutions

1735 Market Street LL

Philadelphia, Pennsylvania, 19103-7583 pescustomersupport@sunocoinc.com

Product Use:

BIODIESEL FUEL - B2 to B20

Min 40 Centane

Emergency Phone Numbers:

Chemtrec

(800) 424-9300

24 Hours

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Danger! Combustible liquid and vapor. Vapors may cause flash fire or explosion. Static accumulator. May form an ignitable vapor/air mixture. Harmful if inhaled. May cause headaches and dizziness. Harmful if absorbed through skin. Harmful or fatal if swallowed. Pulmonary aspiration hazard. While ingesting or vomiting, may enter lungs and produce damage. Causes skin irritation. Can cause severe chronic toxicity. Possible cancer hazard.

Hazards Ratings:

Key: 0 = least, 1 = slight, 2 = moderate, 3 = high, 4 = extreme

| , | <u>Health</u> | <u>Fire</u> | Reactivity | <u>PPI</u> |
|------|---------------|-------------|------------|------------|
| NFPA | 1 | 2 | 0 | |
| HMIS | 2 | 2 | 0 | Х |

POTENTIAL HEALTH EFFECTS

■ PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

The following diseases or disorders may be aggravated by exposure to this product: skin, eye, nervous system, respiratory system, lung (asthma-like conditions),

INHALATION

Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract. May cause headaches and dizziness. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness and even death).

LC50 (mg/l):

No data

LC50 (mg/m3):

No data

LC50 (ppm):

No data

SKIN

May be absorbed through the skin in harmful amounts. Contains a material that has caused skin tumors in laboratory animals. Causes severe skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Draize Skin Score:

6.9

out of 8.0

LD50 (mg/kg):

No data

EYES

Mildly irritating to the eyes.

INGESTION

Harmful or fatal if swallowed. Pulmonary aspiration hazard. While ingesting or vomiting, may enter lungs and produce damage.

LD50 (g/kg):

No data

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No. | Amount (Vol%) | |
|--------------------------------|------------|---------------|--|
| #2 DIESEL HIGHWAY | 68476-34-6 | 80 - 97 | |
| Fatty Acid Methyl Ester (Fame) | | 2 - 20 | |
| 1,2,4 TRIMETHYLBENZENE | 95-63-6 | 0 - 2 | |
| NAPHTHALENE | 91-20-3 | 0 - 2 | |
| XYLENE | 1330-20-7 | 0 - 1 | |
| CUMENE | 98-82-8 | 0 - 1 | |
| ETHYL BENZENE | 100-41-4 | 0 - 1 | |

EXPOSURE GUIDELINES (SEE SECTION 15 FOR ADDITIONAL EXPOSURE LIMITS)

| | CAS No. | Governing Body | Exposure Limits | | |
|-----------------------|------------|----------------|-----------------|-----|-------|
| Limit for the product | | ACGIH | TWA | 100 | mg/m3 |
| CUMENE | 98-82-8 | ACGIH | TWA | 50 | ppm |
| CUMENE | 98-82-8 | OSHA | TWA | 50 | ppm |
| ETHYL BENZENE | 100-41-4 | ACGIH | TWA | 20 | ppm |
| ETHYL BENZENE | 100-41-4 | OSHA | TWA | 100 | ppm |
| NAPHTHALENE | 91-20-3 | ACGIH | STEL | 15 | ppm |
| NAPHTHALENE | 91-20-3 | ACGIH | TWA | 10 | ppm |
| NAPHTHALENE | 91-20-3 | OSHA | TWA | 10 | ppm |
| XYLENE | 1330-20-7 | ACGIH | STEL | 150 | ppm |
| XYLENE | 1330-20-7 | ACGIH | TWA | 100 | ppm |
| XYLENE | 1330-20-7 | OSHA | TWA | 100 | ppm |
| #2 DIESEL HIGHWAY | 68476-34-6 | ACGIH | TWA | 100 | mg/m3 |

4. FIRST AID MEASURES

INHALATION

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get immediate medical attention.

SKIN

Wash with soap and water for 20 minutes. Get medical attention if irritation develops or persists. Wash clothing before reuse. Destroy contaminated shoes and other leather products.

EYES

Flush eye with water for 20 minutes. Get medical attention.

INGESTION

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray: Regular foam; Dry chemical; Carbon dioxide;

FIRE FIGHTING INSTRUCTIONS

Use water spray to cool fire exposed tanks and containers. Water or foam may cause frothing. Wear structural fire fighting gear. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

• FLAMMABLE PROPERTIES

Combustible liquid and vapor. STATIC ACCUMULATOR. This liquid may form an ignitable vapor-air mixture in closed tanks or containers.

| | Typical | Minimum | Maximum | Text Result | Units | Method |
|--------------------------|---------|---------|---------|-------------|-------|--------|
| Flash Point | | | | > 125 | J F | PMCC. |
| Autoignition Temperature | 500 | | | | F | N/A |
| Lower Explosion Limit | · · | | | No data | % | N/A |
| Upper Explosion Limit | | | | No data | % | N/A |

6. ACCIDENTAL RELEASE MEASURES

Prevent ignition, stop leak and ventilate the area. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Use appropriate personal protective equipment as stated in Section 8 of this MSDS. Advise the Environmental Protection Agency (EPA) and appropriate state agencies, if required. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container.

7. HANDLING AND STORAGE

HANDLING

Use only in a well-ventilated area. STATIC ACCUMULATOR. This liquid may form an ignitable vapor-air mixture in closed tanks or containers. This liquid may accumulate static electricity even when transferred into properly grounded containers. Bonding and grounding may be insufficient to remove static electricity. Static electricity accumulation may be significantly increased by the presence of small quantities of water. Always bond receiving container to the fill pipe before and during loading, following NFPA-77 and/or API RP 2003 requirements. Automatic gauging devices and other floats in vessels or tanks which contain static accumulating liquids should be electrically bonded to the shell. Bonding and grounding alone may be inadequate to eliminate fire and explosion hazards associated with electrostatic charges. In addition to bonding and grounding, efforts to mitigate the hazards of an electrostatic discharge may include, but are not limited to, ventilation, inerting and/or reduction of transfer velocities. Always keep the nozzle in contact with the container throughout the loading process. Do not fill any portable containers in or on a vehicle. Special precautions, such as reduced loading rates and increased monitoring, must be observed during "switch loading" operations (i.e. loading this material in tanks or shipping compartments that previously contained middle distillates or similar products). Non-equilibrium conditions may increase the risks associated with static electricity such as tank and container filling, tank cleaning, sampling, gauging, loading, filtering, mixing, agitation, etc. Dissipation of electrostatic charges may be improved with the use of conductivity additives when used with other mitigating efforts, including bonding and grounding. Avoid breathing (dust, vapor, mist, gas). Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

STORAGE

Keep away from heat, sparks, and flame. Keep container closed when not in use. NFPA class II storage. Flash point is greater than 100 degrees F and less than 140 degrees F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Consult With a Health and Safety Professional for Specific Selections

ENGINEERING CONTROLS

Use with adequate ventilation. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTION

EYE PROTECTION

Splash proof chemical goggles are recommended to protect against the splash of product.

GLOVES or HAND PROTECTION

Protective gloves are recommended when prolonged skin contact cannot be avoided. The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Polyvinyl chloride (PVC); Neoprene; Nitrile; Polyvinyl alcohol; Viton;

RESPIRATORY PROTECTION

Concentration in air determines the level of respiratory protection needed. Use only NIOSH certified respiratory equipment. Respiratory protection is not usually needed unless product is heated or misted. Half-mask air purifying respirator with organic vapor cartridges is acceptable for exposures to ten (10) times the exposure limit. Full-face air purifying respirator with organic vapor cartridges is acceptable for exposures to fifty (50) times the exposure limit. Exposure should not exceed the cartridge limit of 1000 ppm. Protection by air purifying respirators is limited. Use a positive pressure-demand full-face supplied air respirator or SCBA for exposures greater than fifty (50) times the exposure limit. If exposure is above the IDLH (Immediately Dangerous to Life and Health) or there is the possibility of an uncontrolled release, or exposure levels are unknown, then use a positive pressure-demand full-face supplied air respirator with escape bottle or SCBA. Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

OTHER

Where splashing is possible, full chemically resistant protective clothing and boots are required. The following materials are acceptable for use as protective clothing: Polyvinyl alcohol (PVA); Polyvinyl chloride (PVC); Neoprene; Nitrile; Viton; Polyurethane; Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Remove contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

| Physical Property | Typical | Units | Text Result | Reference |
|------------------------------|---------|--------|-----------------|-----------|
| Appearance | | other | Lt Amber Liquid | |
| Boiling Point | | F | | |
| Bulk Density | | lb/gal | No data | |
| Melting Point | 1 | F | No data | |
| Molecular Weight | | g/mole | No data | |
| Octanol/Water Coefficient | | other | No data | |
| рH | | other | No data | |
| Specific Gravity | 0.87 | other | | |
| Solubility In Water | | wt % | Nil | |
| Odor | | other | Kerosene-like | |
| Odor Threshold | 1 | other | No data | |
| Vapor Pressure | 1.6 | mmHg | | |
| Viscosity (F) | | other | No data | |
| Viscosity (C) | | CsT | 40C | |
| % Volatile | | wt % | No data | |

10. STABILITY AND REACTIVITY

- STABILITY
 Stable
- CONDITIONS TO AVOID
 Avoid heat, sparks and open flame.
- INCOMPATIBILITY

 Cutting oil Strong out

Cutting oil Strong oxidizers R00000228803, NONROAD 15NR2 B2 WB 10/23/12

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants. The state of the s

HAZARDOUS POLYMERIZATION

Will not polymerize.

11. ECOLOGICAL INFORMATION

No data available

12. DISPOSAL CONSIDERATIONS

Follow federal, state and local regulations. This material is a RCRA hazardous waste. Do not flush material to drain or storm sewer. Contract to authorized disposal service.

13. TRANSPORT INFORMATION

| Governing Body | <u>Mode</u> Ground | Proper Shipping Name Diesel Fuel | | |
|-----------------------|-----------------------|-------------------------------------|----------------------------|--------------|
| DOT | Giodila | Diesel i dei | | |
| Governing Body DOT | <u>Mode</u> Ground | Hazard Class 3 (Combustible Liquid) | <u>UN/NA No.</u> NA1993 | <u>Label</u> |

14. REGULATORY INFORMATION

This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): Maximum Wt%: Naphthalene- CAS Number 91-20-3, 2.5%; %; Ethyl benzene- CAS Number 100-41-4, 1.0%; Cumene- CAS Number 98-82-8, 1.0%; The remaining Sara 313 components listed in Section 14 of the MSDS are less than the reported de minimis levels. This information must be included in all MSDSs that are copied and distributed for this material. CAS No

| Regulatory List | Component | CAS No. |
|--|-------------------|-----------------------------------|
| ACGIH - Occupational Exposure Limits - Carcinogens | #2 DIESEL HIGHWAY | 68476-34-6 |
| ACGIH - Occupational Exposure Limits - Carcinogens | ETHYL BENZENE | 100-41-4 |
| ACGIH - Occupational Exposure Limits - Carcinogens | NAPHTHALENE | 91-20-3 |
| ACGIH - Occupational Exposure Limits - Carcinogens | XYLENE | 1330-20-7 |
| ACGIH - Occupational Exposure Limits - TWAs | #2 DIESEL HIGHWAY | 68476-34-6 |
| ACGIH - Occupational Exposure Limits - TWAs | CUMENE | 98-82-8 |
| ACGIH - Occupational Exposure Limits - TWAs | ETHYL BENZENE | 100 -4 1 -4 |
| ACGIH - Occupational Exposure Limits - TWAs | NAPHTHALENE | 91-20-3 |
| ACGIH - Occupational Exposure Limits - TWAs | XYLENE | 1330-20-7 |
| ACGIH - Short Term Exposure Limits | ETHYL BENZENE | 100-41-4 |
| ACGIH - Short Term Exposure Limits | NAPHTHALENE | 91-20-3 |
| ACGIH - Short Term Exposure Limits | XYLENE | 1330-20-7 |
| ACGIH - Skin Absorption Designation | #2 DIESEL HIGHWAY | 68476-34-6 |
| ACGIH - Skin Absorption Designation | NAPHTHALENE | 91-20-3 |
| CAA (Clean Air Act) - HON Rule - Organic HAPs | CUMENE | 98-82-8 |
| CAA (Clean Air Act) - HON Rule - Organic HAPs | ETHYL BENZENE | 100-41-4 |
| CAA (Clean Air Act) - HON Rule - Organic HAPs | NAPHTHALENE | 91-20-3 |
| CAA (Clean Air Act) - HON Rule - Organic HAPs | XYLENE | 1330-20-7 |
| CAA (Clean Air Act) - HON Rule - SOCMI Chemicals | CUMENE | 98-82-8 |
| CAA (Clean Air Act) - HON Rule - SOCMI Chemicals | ETHYL BENZENE | 100-41-4 |
| CAA (Clean Air Act) - HON Rule - SOCMI Chemicals | NAPHTHALENE | 91-20-3 |
| CAA (Clean Air Act) - HON Rule - SOCMI Chemicals | XYLENE | 1330-20-7 |
| CAA (Clean Air Act) - VOCs in SOCMI | CUMENE | 98-82-8 |
| CAA (Clean Air Act) - VOCs in SOCMI | ETHYL BENZENE | 100 -4 1-4 |
| CAA (Clean Air Act) - VOCs in SOCMI | XYLENE | 1330-20-7 |
| CAA - 1990 Hazardous Air Pollutants | CUMENE | 98-82-8 |
| | | _ |

| CAA - 1990 Hazardous Air Pollutants | ETHYL BENZENE | 100-41-4 |
|---|------------------------|-----------------------|
| -, -, | NAPHTHALENE | 91-20-3 |
| CAA - 1990 Hazardous Air Pollutants | XMENE | -4330-20-7 |
| CAA - 1990 Hazardous Air Pollutants | | |
| California - Proposition 65 - Carcinogens List | ETHYL BENZENE | 100-41-4 |
| California - Proposition 65 - Carcinogens List | NAPHTHALENE | 91-20-3 |
| | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| Canada - WHMIS - Ingredient Disclosure | | |
| Canada - WHMIS - Ingredient Disclosure | ETHYL BENZENE | 100-41-4 |
| CERCLA/SARA - Haz Substances and their RQs | CUMENE | 98-82-8 |
| CERCLA/SARA - Haz Substances and their RQs | ETHYL BENZENE | 100-41-4 |
| | NAPHTHALENE | 91-20-3 |
| CERCLA/SARA - Haz Substances and their RQs | | |
| CERCLA/SARA - Haz Substances and their RQs | XYLENE | 1330-20-7 |
| CERCLA/SARA - Section 313 - Emission Reporting | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| CERCLA/SARA - Section 313 - Emission Reporting | CUMENE | 98-82-8 |
| | | 100-41-4 |
| CERCLA/SARA - Section 313 - Emission Reporting | ETHYL BENZENE | |
| CERCLA/SARA - Section 313 - Emission Reporting | NAPHTHALENE | 91-20-3 |
| CERCLA/SARA - Section 313 - Emission Reporting | XYLENE | 1330-20-7 |
| | ETHYL BENZENE | 100-41-4 |
| CWA (Clean Water Act) - Hazardous Substances | | |
| CWA (Clean Water Act) - Hazardous Substances | NAPHTHALENE | 91-20-3 |
| CWA (Clean Water Act) - Hazardous Substances | XYLENE | 1330-20-7 |
| CWA (Clean Water Act) - Priority Pollutants | ETHYL BENZENE | 100 -4 1-4 |
| | NAPHTHALENE | 91-20-3 |
| CWA (Clean Water Act) - Priority Pollutants | | |
| CWA (Clean Water Act) - Toxic Pollutants | ETHYL BENZENE | 100-41-4 |
| CWA (Clean Water Act) - Toxic Pollutants | NAPHTHALENE | 91-20-3 |
| IARC - Group 2B (Possibly carcinogenic to humans) | ETHYL BENZENE | 100-41-4 |
| IARC - Group 2D (Possibly cardinogenic to humans) | NAPHTHALENE | 91-20-3 |
| IARC - Group 2B (Possibly carcinogenic to humans) | | |
| IARC - Group 3 (not classifiable) | XYLENE | 1330-20-7 |
| Inventory - Australia (AICS) | #2 DIESEL HIGHWAY | 68476-34-6 |
| Inventory - Australia (AICS) | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| | CUMENE | 98-82-8 |
| Inventory - Australia (AICS) | ETHYL BENZENE | 100-41-4 |
| Inventory - Australia (AICS) | | |
| Inventory - Australia (AICS) | NAPHTHALENE | 91-20-3 |
| Inventory - Australia (AICS) | XYLENE | 1330-20-7 |
| Inventory - Canada - Domestic Substances List | #2 DIESEL HIGHWAY | 68476-34-6 |
| Inventory - Canada - Domestic Substances List | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| | | 98-82-8 |
| Inventory - Canada - Domestic Substances List | CUMENE | |
| Inventory - Canada - Domestic Substances List | ETHYL BENZENE | 100-41-4 |
| Inventory - Canada - Domestic Substances List | NAPHTHALENE | 91-20-3 |
| Inventory - Canada - Domestic Substances List | XYLENE | 1330-20-7 |
| | #2 DIESEL HIGHWAY | 68476-34-6 |
| Inventory - China | | 95-63-6 |
| Inventory - China | 1,2,4 TRIMETHYLBENZENE | |
| Inventory - China | CUMENE | 98-82-8 |
| Inventory - China | ETHYL BENZENE | 100-41-4 |
| Inventory - China | NAPHTHALENE | 91-20-3 |
| | XYLENE | 1330-20-7 |
| Inventory - China | | |
| Inventory - European EINECS Inventory | #2 DIESEL HIGHWAY | 68476-34-6 |
| Inventory - European EINECS Inventory | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| Inventory - European EINECS Inventory | CUMENE | 98-82-8 |
| Inventory - European EINECS Inventory | ETHYL BENZENE | 100-41-4 |
| Threfillory - European LineCo inventory | NAPHTHALENE | 91-20-3 |
| Inventory - European EINECS Inventory | | |
| Inventory - European EINECS Inventory | XYLENE | 1330-20-7 |
| Inventory - Japan - (ENCS) | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| Inventory - Japan - (ENCS) | CUMENE | 98-82-8 |
| | ETHYL BENZENE | 100-41-4 |
| Inventory - Japan - (ENCS) | | |
| Inventory - Japan - (ENCS) | NAPHTHALENE | 91-20-3 |
| Inventory - Japan - (ENCS) | XYLENE | 1330-20-7 |
| Inventory - Korea - Existing and Evaluated | #2 DIESEL HIGHWAY | 68476-34-6 |
| Inventory - Korea - Existing and Evaluated | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| | CUMENE | 98-82-8 |
| Inventory - Korea - Existing and Evaluated | | |
| Inventory - Korea - Existing and Evaluated | ETHYL BENZENE | 100-41-4 |
| Inventory - Korea - Existing and Evaluated | NAPHTHALENE | 91-20-3 |
| Inventory - Korea - Existing and Evaluated | XYLENE | 1330-20-7 |
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| Inventory - New Zealand | #2 DIESEL HIGHWAY | 68476-34 - 6 |
|---|------------------------|---------------------|
| Inventory - New Zealand | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| Inventory - New Zealance | - CUMENE | 0 |
| Inventory - New Zealand | ETHYL BENZENE | 100-41-4 |
| Inventory - New Zealand | NAPHTHALENE | 91-20-3 |
| Inventory - New Zealand | XYLENE | 1330-20-7 |
| Inventory - Philippines Inventory (PICCS) | #2 DIESEL HIGHWAY | 68476-34-6 |
| | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| Inventory - Philippines Inventory (PICCS) | CUMENE | 98-82-8 |
| Inventory - Philippines Inventory (PICCS) | | 100-41-4 |
| Inventory - Philippines Inventory (PICCS) | ETHYL BENZENE | |
| Inventory - Philippines Inventory (PICCS) | NAPHTHALENE | 91-20-3 |
| Inventory - Philippines Inventory (PICCS) | XYLENE | 1330-20-7 |
| Inventory - TSCA - Sect. 8(b) Inventory | #2 DIESEL HIGHWAY | 68476-34-6 |
| Inventory - TSCA - Sect. 8(b) Inventory | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| Inventory - TSCA - Sect. 8(b) Inventory | CUMENE | 98-82-8 |
| Inventory - TSCA - Sect. 8(b) Inventory | ETHYL BENZENE | 100-41 - 4 |
| Inventory - TSCA - Sect. 8(b) Inventory | NAPHTHALENE | 91-20-3 |
| Inventory - TSCA - Sect. 8(b) Inventory | XYLENE | 1330-20-7 |
| Massachusetts - Right To Know List | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| | CUMENE | 98-82-8 |
| Massachusetts - Right To Know List | ETHYL BENZENE | 100-41-4 |
| Massachusetts - Right To Know List | NAPHTHALENE | 91-20-3 |
| Massachusetts - Right To Know List | | 1330-20-7 |
| Massachusetts - Right To Know List | XYLENE | |
| New Jersey - Department of Health RTK List | #2 DIESEL HIGHWAY | 68476-34-6 |
| New Jersey - Department of Health RTK List | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| New Jersey - Department of Health RTK List | CUMENE | 98-82-8 |
| New Jersey - Department of Health RTK List | ETHYL BENZENE | 100-41-4 |
| New Jersey - Department of Health RTK List | NAPHTHALENE | 91-20-3 |
| New Jersey - Department of Health RTK List | XYLENE | 1330-20-7 |
| New Jersey - Env Hazardous Substances List | #2 DIESEL HIGHWAY | 68476-34-6 |
| New Jersey - Env Hazardous Substances List | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| New Jersey - Env Hazardous Substances List | CUMENE | 98-82-8 |
| | ETHYL BENZENE | 100-41-4 |
| New Jersey - Env Hazardous Substances List | NAPHTHALENE | 91-20-3 |
| New Jersey - Env Hazardous Substances List | XYLENE | 1330-20-7 |
| New Jersey - Env Hazardous Substances List | | 98-82-8 |
| New Jersey - Special Hazardous Substances | CUMENE | 100-41-4 |
| New Jersey - Special Hazardous Substances | ETHYL BENZENE | |
| New Jersey - Special Hazardous Substances | NAPHTHALENE | 91-20-3 |
| New Jersey - Special Hazardous Substances | XYLENE | 1330-20-7 |
| NTP - Report on Carcinogens - Suspect Carcinogens | NAPHTHALENE | 91-20-3 |
| OSHA - Final PELs - Skin Notations | CUMENE | 98-82-8 |
| OSHA - Final PELs - Time Weighted Averages | CUMENE | 98-82-8 |
| OSHA - Final PELs - Time Weighted Averages | ETHYL BENZENE | 100-41-4 |
| OSHA - Final PELs - Time Weighted Averages | NAPHTHALENE | 91-20-3 |
| OSHA - Final PELs - Time Weighted Averages | XYLENE | 1330-20-7 |
| OSHA - Hazard Communication Carcinogens | ETHYL BENZENE | 100-41-4 |
| OSHA - Hazard Communication Carcinogens | NAPHTHALENE | 91-20-3 |
| Pennsylvania - RTK (Right to Know) List | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| | CUMENE | 98-82-8 |
| Pennsylvania - RTK (Right to Know) List | ETHYL BENZENE | 100-41-4 |
| Pennsylvania - RTK (Right to Know) List | | 91-20-3 |
| Pennsylvania - RTK (Right to Know) List | NAPHTHALENE | |
| Pennsylvania - RTK (Right to Know) List | XYLENE | 1330-20-7 |
| Pennsylvania - RTK - Environmental Hazard List | 1,2,4 TRIMETHYLBENZENE | 95-63-6 |
| Pennsylvania - RTK - Environmental Hazard List | CUMENE | 98-82-8 |
| Pennsylvania - RTK - Environmental Hazard List | ETHYL BENZENE | 100-41-4 |
| Pennsylvania - RTK - Environmental Hazard List | NAPHTHALENE | 91-20-3 |
| Pennsylvania - RTK - Environmental Hazard List | XYLENE | 1330-20-7 |
| TSCA - Sect. 12(b) - Export Notification | NAPHTHALENE | 91-20-3 |
| TSCA - Section 4 - Chemical Test Rules | NAPHTHALENE | 91-20-3 |
| U.S DOT - Hazardous Substances and RQs (App A) | CUMENE | 98-82-8 |
| U.S DOT - Hazardous Substances and RQs (App A) | ETHYL BENZENE | 100-41-4 |
| U.S DUT - Hazardous Substances and Nes (App A) | L | 100 TI T |

<u> Pergijaan kan see</u>

Title III Classifications Sections 311,312:

Acute: YES Chronic: YES Fire: YES Reactivity: NO

Sudden Release of Pressure: NO

15. OTHER INFORMATION

Follow all MSDS/label precautions even after container is emptied because it may retain product residue. Following injection, prompt debridement of the wound is necessary to minimize necrosis and tissue loss. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner or properly disposed of. COMPONENT TOXICITY: Overexposure to naphthalene, a minor component of this product, may cause skin, eye and respiratory tract irritation, anemia, loss of vision, nervous system effects and kidney and thymus damage. Also, exposure to naphthalene has produced "respiratory tract" tumors in laboratory animals. Ethylbenzene, a component of this product, has been designated by the International Agency for Research on Cancer as "possibly carcinogenic to humans", based on increased tumor incidence in laboratory animals. Overexposure may lead to nervous system effects, including drowsiness, dizziness, nausea, headaches, paralysis, loss of consciousness and even death. Repeated overexposure has caused a hearing loss in laboratory animals. Cumene may be harmful or fatal if swallowed. Pulmonary aspiration hazard. After ingestion, may enter lungs and cause damage. May cause respiratory irritation, fluid in the lungs and lung damage. May be irritating to the skin and eyes. May cause nervous system effects, including drowsiness, dizziness, coma and even death. Overexposure has caused kidney, nose, and liver damage in laboratory animals. Following inhalation exposure, an increased tumor incidence has been observed in experimental animals. The significance of this finding to human health is presently unknown.