

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** Hurriclean 8211MB  
**Manufacture/Supplier:** Midbrook, Inc.  
**Address:** 2080 Brooklyn Road  
Jackson, MI 49203  
United States of America  
**Phone Numbers:** Phone - 517-787-3481  
Fax -517-787-2349  
**Emergency Phone Numbers:** USA Chemtrec 800-424-9300  
International Chemtrec 703-527-3887  
**Date:** 11/29/01

## 2. COMPOSITION/HAZARDOUS INFORMATION

| INGREDIENT                          | WT%   | TLV/PEL* | CAS#       |
|-------------------------------------|-------|----------|------------|
| Severly Hydrotreated Naphthenic Oil | 60-80 | 5mg/m3*  | 64742-53-6 |

## 3. HAZARD IDENTIFICATION

### Primary Routes of Entry

**Skin:** Tests on similar materials indicate that no significant adverse health effects are expected to occur with short- term exposure.  
**Eyes:** Tests on similar materials suggests that minimal irritation may occur on contact.  
**Ingestion:** Tests on similar material indicate no significant adverse effects expected. Practically non-toxic.  
**Inhalation:** Tests on similar materials indicate no acute effects are expected.

## 4. FIRST AID MEASURES

**First Aid – Eye** Wash out eye with plenty of water for at least 15 minutes. Obtain medical attention if soreness or redness persists.  
**First Aid – Skin** Remove product soaked clothing. Wash skin with soap and water. Launder soaked clothing before reuse. If skin irritation or rash develops obtain medical assistance.  
**First Aid – Ingestion** Do not induce vomiting. Obtain medical attention.  
**First Aid – Inhalation** Move to fresh air and provide oxygen if necessary. Obtain emergency medical attention.

## 5. FIRE FIGHTING MEASURES

**Flammable properties:** Flash Point: **330°F (ASTM D-56)**  
Flammable limits in air: N/A  
Auto ignition temperature: N/A  
**Extinguishing Media** Use foam, dry chemical or carbon dioxide.  
**Special fire fighting measure:** Procedures for an oil fire should be followed. Use self- contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool.

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## 6. ACCIDENTAL RELEASE MEASURES

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|-----------------------------|---|
| <b>Personal Precautions</b> | Material can create slippery conditions underfoot.          |
| <b>Spillages</b>            | Transfer into suitable containers for recovery or disposal. |

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## 7. HANDLING AND STORAGE

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|-----------------------|---|
| <b>Handling</b>       | Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors.  |
| <b>Storage</b>        | Storage temperature should be controlled to between 1 and 40°C.   |
| <b>Work Practices</b> | Wash thoroughly after handling. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves. |

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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|                                     |   |
|-------------------------------------|---|
| <b>Engineering Control Measures</b> | Use adequate ventilation.                         |
| <b>Hand protection</b>              | Use a good quality barrier cream or gloves.       |
| <b>Eye Protection</b>               | Glasses or goggles. Have eye wash available.      |
| <b>Body Protection</b>              | Normal work wear. Never wear oil soaked clothing. |
| <b>Respiratory Protection</b>       | Not required if adequate ventilation.             |

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                                       |                |
|---------------------------------------|----------------|
| <b>Physical State</b>                 | Clear Liquid   |
| <b>Color</b>                          | Amber          |
| <b>Odor</b>                           | Characteristic |
| <b>Boiling Point</b>                  | >500°F         |
| <b>Vapor Pressure</b>                 | N/A°F          |
| <b>% Volatile by Volume</b>           | N/A            |
| <b>Vapor Density(air=1)</b>           | N/A            |
| <b>Reactivity in Water</b>            | Non-reactive   |
| <b>Solubility in Water</b>            | Soluble        |
| <b>Evaporation Rate<br/>(water=1)</b> | >1             |
| <b>Specific Gravity</b>               | 0.913          |
| <b>pH @ 10:1</b>                      | 8.9            |

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## 10. STABILITY AND REACTIVITY

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|                                 |   |
|---------------------------------|---|
| <b>Stability</b>                | Stable under normal conditions.             |
| <b>Conditions to Avoid</b>      | Sources of ignition.                        |
| <b>Materials to Avoid</b>       | Strong oxidizing agents or reducing agents. |
| <b>Decomposition Products</b>   | Oxides of Carbon, Hydrogen                  |
| <b>Hazardous Polymerization</b> | Will not occur.                             |

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11. TOXICOLOGICAL INFORMATION

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|---------------------------------|---|
| <b>Acute Toxicity</b>           | Low order of acute toxicity.  |
| <b>Eye Effects</b>              | Minimal irritation on contact.  |
| <b>Skin Effects</b>             | Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeat contact. |
| <b>Acute Oral Effects</b>       | Low order of acute oral toxicity.   |
| <b>Acute Inhalation Effects</b> | Low acute toxicity expected on inhalation.  |

This product is not listed as a carcinogenic or a potential carcinogen by the National Toxicology Program, by I.A.R.C. monographs or by OSHA.

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12. ECOLOGICAL INFORMATION

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No data available.

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13. DISPOSAL

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|                           |  |
|---------------------------|--|
| <b>Product Disposal</b>   | Dispose of in accordance with all applicable local and national regulations. If "used" RCRA criteria must be determined. Do not flush into drain/sewer use an authorized disposal service. If permitted incineration may be practical. |
| <b>Container Disposal</b> | Recommend recycling.<br>No specific measures necessary.  |

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14. TRANSPORTATION INFORMATION

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|                              |                          |
|------------------------------|--------------------------|
| <b>Shipping Name</b>         | Lubricating Oils. N.O.S. |
| <b>Shipping Class</b>        | 65                       |
| <b>D.O.T. Identification</b> | N/A                      |
| <b>D.O.T. Shipping Label</b> | Not regulated by D.O.T.  |

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15. REGULATORY INFORMATION

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**U.S. Federal Regulatory Information:**

SARA 302 Threshold Planning Quantity: N/A

SARA 304 Reportable Quantity: N/A

SARA 311 Categories:

|                                    |           |
|------------------------------------|-----------|
| Acute Health Effects:              | Corrosive |
| Chronic Health Effects:            | None      |
| Fire Hazard:                       | No        |
| Sudden Release of Pressure Hazard: | No        |
| Reactivity Hazard:                 | No        |

**EPA/TSCA Inventory:** The components of this product are listed on the EPA/TSCA inventory of chemicals.

**EPA Hazard Classification Code:** Not applicable

**CERCLA:** No chemicals in this product are subject to the reporting requirements of CERCLA.

**SARA Title III - Section 313 Supplier Notification:** No Chemicals in this product exceed the DE Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.

**WHMIS Classification:** Not controlled.

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## 16. OTHER INFORMATION

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**NFPA Hazard Rating:**

|               |   |            |
|---------------|---|------------|
| Health:       | 1 | Slight     |
| Flammability: | 1 | Slight     |
| Reactivity:   | 0 | Negligible |

\*Threshold Limit Value/Personal Exposure Limit

N/A = Not Applicable

N/E = Not Established

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