



# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 12/19/2022 Revision date: 8/5/2026 Supersedes: 12/19/2022 Version: 3.0

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : RIGROCK 100 BLEND  
Product code : 573360

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Lubricating oil; tool oil

#### 1.4. Supplier's details

Martin Lubricants  
484 East 6th St.  
Smackover, AR 71762

#### 1.5. Emergency phone number

Emergency number : CHEMTREC (800) 424-9300

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. Label elements

##### GHS US labelling

No labelling applicable

#### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

#### 2.4. Hazards not otherwise classified

No additional information available

#### 2.5. Unknown acute toxicity

No additional information available

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 3.2. Mixtures

| Name                                       | Product identifier  | %         |
|--------------------------------------------|---------------------|-----------|
| Hydrotreated Heavy Naphthenic Base Oil     | CAS-No.: 64742-52-5 | 80 – 99.5 |
| Distillates, hydrotreated heavy paraffinic | CAS-No.: 64742-54-7 | 0.5 – 1.0 |

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms/effects, acute and delayed

No additional information available

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

For further information refer to section 13.

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment.                  |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

#### 7.2. Conditions for safe storage, including incompatibilities

|                    |                                                |
|--------------------|------------------------------------------------|
| Storage conditions | : Store in a well-ventilated place. Keep cool. |
|--------------------|------------------------------------------------|

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Environmental exposure controls  | : Avoid release to the environment.            |

#### 8.3. Individual protection measures, such as personal protective equipment

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Personal protective equipment symbol(s):



### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

|                 |                               |
|-----------------|-------------------------------|
| Physical state  | : Liquid                      |
| Appearance      | : Amber, clear liquid.        |
| Colour          | : Amber                       |
| Odour           | : Mild petroleum; Hydrocarbon |
| Odour threshold | : No data available           |

# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| pH                                              | : No data available                             |
| Melting point                                   | : Not applicable                                |
| Freezing point                                  | : No data available                             |
| Boiling point                                   | : Not determined. Expected to be >260°C (500°F) |
| Flash point                                     | : 202 °C (395 F)                                |
| Relative evaporation rate (butylacetate=1)      | : Negligible at STP                             |
| Flammability (solid, gas)                       | : Not applicable.                               |
| Vapour pressure                                 | : Negligible at STP                             |
| Relative vapour density at 20°C                 | : > 1 at STP                                    |
| Relative density                                | : 0.92                                          |
| Density                                         | : 7.7 lb/gal                                    |
| Solubility                                      | : No data available                             |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                             |
| Auto-ignition temperature                       | : No data available                             |
| Decomposition temperature                       | : No data available                             |
| Viscosity, kinematic                            | : 146 mm²/s @ 40°C, 11.2 cSt @ 100°C            |
| Explosive limits                                | : No data available                             |
| Particle characteristics                        | : No data available                             |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

|               |                                                                                                                                                                   |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method) |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

|                                   |                           |
|-----------------------------------|---------------------------|
| LD50 dermal rabbit                | 2000 mg/kg Source: IUCLID |
| LC50 Inhalation - Rat (Dust/Mist) | 5.53 mg/l Source: ECHA    |
| ATE US (dermal)                   | 2000 mg/kg bodyweight     |
| ATE US (dust,mist)                | 5.53 mg/l/4h              |

### Distillates, hydrotreated heavy paraffinic (64742-54-7)

|                    |                              |
|--------------------|------------------------------|
| LD50 oral rat      | > 15000 mg/kg Source: IUCLID |
| LD50 dermal rabbit | > 5000 mg/kg Source: IUCLID  |

|                                   |                   |
|-----------------------------------|-------------------|
| Skin corrosion/irritation         | : Not classified  |
| Serious eye damage/irritation     | : Not classified  |
| Respiratory or skin sensitisation | : Not classified  |
| Germ cell mutagenicity            | : Not classified  |
| Carcinogenicity                   | : Not classified. |
| Reproductive toxicity             | : Not classified  |
| STOT-single exposure              | : Not classified  |
| STOT-repeated exposure            | : Not classified  |

### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days)          | 125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| NOAEL (dermal, rat/rabbit, 90 days) | ≈ 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)            |

|                   |                  |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

### RIGROCK 100 BLEND

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Viscosity, kinematic | 146 mm <sup>2</sup> /s @ 40°C, 11.2 cSt @ 100°C |
| Hydrocarbon          | Yes                                             |

### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

|                      |                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------|
| Viscosity, kinematic | 1.99 – 847 mm <sup>2</sup> /s Temp.: '40°C' Parameter: 'mm <sup>2</sup> /s' 'mm <sup>2</sup> /s' |
| Hydrocarbon          | Yes                                                                                              |

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

|                                                           |                                                                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                        |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                                                                                        |

### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

|                      |                            |
|----------------------|----------------------------|
| LC50 - Fish [1]      | > 5000 mg/l Source: IUCLID |
| EC50 - Crustacea [1] | > 1000 mg/l Source: IUCLID |
| EC50 96h - Algae [1] | > 1000 mg/l Source: IUCLID |

# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Distillates, hydrotreated heavy paraffinic (64742-54-7)

|                      |                            |
|----------------------|----------------------------|
| LC50 - Fish [1]      | > 5000 mg/l                |
| EC50 - Crustacea [1] | > 1000 mg/l Source: IUCLID |
| EC50 96h - Algae [1] | > 1000 mg/l Source: IUCLID |

### 12.2. Persistence and degradability

#### RIGROCK 100 BLEND

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Distillates, hydrotreated heavy paraffinic (64742-54-7)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

#### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |
|-------------------------------------------------|------------------------|

### Distillates, hydrotreated heavy paraffinic (64742-54-7)

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |
|-------------------------------------------------|------------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|                              |                  |
|------------------------------|------------------|
| Ozone                        | : Not classified |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                                     | TDG           | IMDG          | IATA          |
|-----------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |               |
| Not regulated for transport             |               |               |               |
| <b>14.2. Proper Shipping Name</b>       |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |

# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| DOT                                    | TDG           | IMDG          | IATA          |
|----------------------------------------|---------------|---------------|---------------|
| <b>14.5. Environmental hazards</b>     |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated |
| No supplementary information available |               |               |               |

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

Not regulated

#### TDG

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

## SECTION 15 Regulatory information

### 15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

| Name                                       | CAS-No.    | Listing | Commercial status | Flags |
|--------------------------------------------|------------|---------|-------------------|-------|
| Hydrotreated Heavy Naphthenic Base Oil     | 64742-52-5 | Present | Active            |       |
| Distillates, hydrotreated heavy paraffinic | 64742-54-7 | Present | Active            |       |

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) 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.

### 15.2. International regulations

#### CANADA

##### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Distillates, hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### Hydrotreated Heavy Naphthenic Base Oil (64742-52-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

# RIGROCK 100 BLEND

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Distillates, hydrotreated heavy paraffinic (64742-54-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16 Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 8/5/2026

Issue date : 12/19/2022

Safety Data Sheet (SDS), USA

Information provided in this Safety Data Sheet is considered accurate and reliable based on information issued from internal and outside sources to the best of Martin Operating Partnership L.P.'s knowledge; however, Martin Operating Partnership L.P. makes no representations, guarantees or warranties, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such information or the result to be obtained from the use thereof or as to the sufficiency of information herein presented. Martin Operating Partnership L.P. assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.

This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, Martin Operating Partnership L.P., must rely upon information provided by the material manufacturers or distributors.