



SAFETY DATA SHEET

SDS ID NO.: 0383MAR019

Revision date 04/26/2023

1. IDENTIFICATION

Product Name Marathon Maratech Premium Blue EP

Product code 0383MAR019
Chemical family Petroleum Based Grease

Recommended use Lubricating Grease.
Restrictions on use All others.

Manufacturer, Importer, or Responsible Party Name and Address
MARATHON PETROLEUM COMPANY LP
539 South Main Street
Findlay, OH 45840

SDS information 1-419-421-3070 (M-F; 8-5 EST)

24 Hour Emergency Telephone CHEMTREC: 1-800-424-9300 (CCN# 13740)

2. HAZARD IDENTIFICATION

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification

| | |
|--------------------|------------|
| Skin sensitization | Category 1 |
|--------------------|------------|

Hazards Not Otherwise Classified (HNOC)

Not applicable

2.2. Label Elements

Warning

May cause an allergic skin reaction.



Appearance Blue Semi-solid Grease **Physical State** Semi-Solid **Odor** Mild petroleum

Precautionary Statements - Prevention

Avoid breathing mist/vapors/spray
Wear protective gloves
Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response

If on skin: Wash with plenty of soap and water
 If skin irritation or rash occurs: Get medical attention
 Wash contaminated clothing before reuse

Precautionary Statements - Storage

Not applicable

Precautionary Statements - Disposal

Dispose of contents/container at an approved waste disposal plant

Additional Information

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Information

| Chemical Name | CAS Number | % Concentration |
|---|------------|-----------------|
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | 50-75 |
| Distillates (petroleum), solvent-dewaxed Light Paraffinic | 64742-56-9 | 3-5 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | 3-5 |
| Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | 3-5 |
| Limestone | 1317-65-3 | 1-3 |
| 2-methylpentane-2,4-diol | 107-41-5 | 1-3 |
| 1-propene, 2-methyl-homopolymer | 9003-27-4 | 1-3 |
| Benzenamine, N-phenyl-, styrenated | 68442-68-2 | 0.3-1 |
| 1,3,4-Thiadiazole, 2,5-bis(octylidithio)- | 13539-13-4 | <0.3 |

Maratech Grease is a mixture of high viscosity, highly refined lubricating oil base stock with a calcium sulfonate thickener. All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.

4. FIRST AID MEASURES

First aid measures**General advice**

In case of accident or if you feel unwell, seek medical advice immediately (show directions for use or safety data sheet if possible).

Inhalation

Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms occur get medical attention.

Skin contact

Wash skin with plenty of soap and water. Remove contaminated clothing. Get medical attention if irritation or rash occurs. Wash contaminated clothing and clean shoes before reuse. Any injection injury from high pressure equipment should be evaluated immediately by a physician as potentially serious (See NOTES TO PHYSICIAN).

Eye contact

Immediately flush eyes with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Gently remove contacts while flushing. If irritation or other symptoms occur get medical attention.

Ingestion

Rinse mouth out with water. Do not induce vomiting unless directed by a physician. If spontaneous vomiting occurs, keep head below hips, or if patient is lying down, turn body and head to side to prevent aspiration and monitor for breathing difficulty. If symptoms develop, seek medical attention.

Most important signs and symptoms, both short-term and delayed with overexposure**Adverse effects**

May cause skin irritation and/or rash. Symptoms may include redness, itching, and

up liquids. Recover and return free product to proper containers. Dispose of in accordance with local/regional/national regulations.

7. HANDLING AND STORAGE

Safe handling precautions

Avoid contact with skin, eyes and clothing. Do not swallow. Avoid breathing vapors or mists. Use good personal hygiene practices. Wash thoroughly after handling. Use personal protection measures as recommended in Section 8. Do not cut, drill, grind, puncture, weld or incinerate container. Empty container may contain hazardous residue. Refer to applicable EPA, OSHA, NFPA and consistent state and local requirements.

High-pressure injection of any material through the skin is a serious medical emergency even though the small entrance wound at the injection site may not initially appear serious. These injection injuries can occur from high-pressure equipment such as paint spray or grease or guns, fuel injectors, or pinhole leaks in hoses or hydraulic lines and should all be considered serious. High pressure injection injuries may be SERIOUS SURGICAL EMERGENCIES (See First Aid Section 4).

Storage conditions

Store in properly closed containers that are appropriately labeled and in a cool, well-ventilated area. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials.

Incompatible materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

| Chemical Name | ACGIH TLV | OSHA PELs | NIOSH IDLH |
|--------------------------------------|---|--|------------------------|
| Petroleum Base Oils MIXTURE | Highly and severely refined, inhalable fraction 5 mg/m ³ TWA | TWA: 5 mg/m ³ | 2500 mg/m ³ |
| 2-methylpentane-2,4-diol 107-41-5 | 25 ppm TWA vapor fraction 50 ppm STEL vapor fraction 10 mg/m ³ STEL inhalable fraction | - | - |
| Limestone 1317-65-3 | - | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | - |

Notes: No further information available.

Engineering measures

Local or general exhaust required when using at elevated temperatures that generate vapors or mists.

Personal protective equipment

Eye protection

Use goggles or face-shield if the potential for splashing exists.

Skin and body protection

Wear neoprene, nitrile or PVA gloves to prevent skin contact. Glove suitability is based on workplace conditions and usage. Contact the glove manufacturer for specific advice on glove selection and breakthrough times. Wear appropriate protective clothing.

Respiratory protection

Use a NIOSH approved organic vapor chemical cartridge or supplied air respirators when there is the potential for airborne exposures to exceed permissible exposure limits or if excessive vapors are generated. Observe respirator assigned protection factors (APFs) criteria cited in federal OSHA 29 CFR 1910.134. Self-contained breathing apparatus should be used for fire fighting.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|-----------------------|------------------------|
| Appearance | Blue Semi-solid Grease |
| Physical State | Semi-Solid |
| Color | Blue |
| Odor | Mild petroleum |
| Odor Threshold | No data available. |

| <u>Property</u> | <u>Values (method)</u> |
|--|---|
| pH | No available data. |
| Melting Point / Freezing Point | No data available. |
| Initial Boiling Point / Boiling Range | No data available. |
| Flash Point | No data available. |
| Evaporation Rate | No data available. |
| Flammability (solid, gas) | No data available |
| Flammability Limit in Air (%): | |
| Upper Flammability Limit: | No data available. |
| Lower Flammability Limit: | No data available. |
| Explosion Limits | No data available. |
| Vapor Pressure | <1 mm Hg (<0.13 kPa) @ room temperature |
| Vapor Density | No data available. |
| Specific Gravity / Relative Density | No data available. |
| Water Solubility | No data available. |
| Partition Coefficient | No data available. |
| Autoignition Temperature | No data available. |
| Decomposition Temperature | No data available. |
| Kinematic Viscosity | No data available. |
| VOC Content (%) | No data available. |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | The product is non-reactive under normal conditions. |
| Chemical stability | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Hazardous polymerization | Will not occur. |
| Conditions to avoid | Sources of heat or ignition. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | None known under normal conditions of use. |

11. TOXICOLOGICAL INFORMATION

Potential short-term adverse effects from overexposures

| | |
|---------------------|---|
| Inhalation | Inhalation of high vapor concentrations may cause irritation of the respiratory system. |
| Eye contact | Contact may cause mild eye irritation, including tearing, stinging, and redness. |
| Skin contact | May cause an allergic skin reaction. Prolonged or repeated exposure may cause dermatitis, folliculitis or oil acne. |
| Ingestion | May cause irritation of the mouth, throat and gastrointestinal tract. |

Acute toxicological data

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|-----------|-------------|-----------------|
| | | | |

| | | | |
|---|--------------------|------------------------|--------------------|
| Petroleum Base Oils MIXTURE | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5 mg/L (Rat) 4 h |
| 2-methylpentane-2,4-diol 107-41-5 | 3700 mg/kg (Rat) | 12300 mg/kg (Rabbit) | - |
| Benzenamine, N-phenyl-, styrenated 68442-68-2 | > 5000 mg/kg (Rat) | > 10000 mg/kg (Rabbit) | - |

Immediate and delayed effects as well as chronic effects from short and long-term exposure

BASE OILS: Mineral oil mists from highly refined or hydrotreated oils are generally of low acute and subchronic toxicity. Overexposure to mists may cause inflammation of the lungs and lipid pneumonia.

Adverse effects related to the physical, chemical and toxicological characteristics

| | |
|--|---|
| Signs and symptoms | May cause skin irritation and/or rash. Symptoms may include redness, itching, and inflammation. Prolonged or repeated inhalation of oil mist at high concentrations may cause respiratory irritation and/or other pulmonary effects. Prolonged and repeated skin contact may cause defatting and drying of the skin and may lead to irritation and/or dermatitis. |
| Acute toxicity | None known. |
| Skin corrosion/irritation | None known. |
| Serious eye damage/eye irritation | None known. |
| Sensitization | May cause sensitization by skin contact. Not expected to be a respiratory sensitizer. |
| Mutagenic effects | None known. |
| Carcinogenicity | None known. |

| Chemical Name | ACGIH (Class) | IARC (Class) | NTP | OSHA |
|-----------------------------|---|--|------------|------------|
| Petroleum Base Oils MIXTURE | Mineral oil, highly/severely refined (inhalable fraction) Not Classifiable (A4) | Mineral oil, highly refined Not Classifiable (3) | Not Listed | Not Listed |

| | |
|--|-------------|
| Reproductive toxicity | None known. |
| Specific Target Organ Toxicity (STOT) - single exposure | None known. |
| Specific Target Organ Toxicity (STOT) - repeated exposure | None known. |
| Aspiration hazard | None known. |

12. ECOLOGICAL INFORMATION

Ecotoxicity Used motor and/or lube oils may be toxic to birds and fish.

| Chemical Name | Fish | Crustacea | Algae/aquatic plants |
|-----------------------------------|---|---|----------------------|
| Petroleum Base Oils MIXTURE | 96-hr LC50 = 5000 mg/L Rainbow trout | 48-hr EC50 = 1000 mg/L Daphnia magna | - |
| 2-methylpentane-2,4-diol 107-41-5 | 96-hr LC50 >10000 mg/L Fathead minnow (flow-through) | 48-hr EC50 >2500 mg/L Daphnia magna | - |

Persistence and degradability Not expected to be readily biodegradable.

| | |
|------------------------------|---------------------------|
| Bioaccumulation | No information available. |
| Mobility in soil | No information available. |
| Other adverse effects | No information available. |

13. DISPOSAL CONSIDERATIONS

| | |
|---|---|
| Description of waste residues | No information available. |
| Safe handling of wastes | Handle in accordance with applicable local, state, and federal regulations. Use personal protection measures as required. |
| Disposal of wastes / methods of disposal | The user is responsible for determining if any discarded material is a hazardous waste (40 CFR 262.11). Dispose of in accordance with federal, state and local regulations. |
| Contaminated packaging disposal | Empty containers should be completely drained and then discarded or recycled, if possible. Do not cut, drill, grind, puncture, weld or incinerate container. Empty container may contain hazardous residue. Dispose of in accordance with federal, state and local regulations. |

14. TRANSPORT INFORMATION

DOT

| | |
|------------------------------------|----------------|
| UN/Identification No: | Not applicable |
| UN Proper Shipping Name: | Not Regulated |
| Transport Hazard Class(es): | Not applicable |
| Packing Group: | Not applicable |

IATA

| | |
|------------------------------------|----------------|
| UN/Identification No: | Not applicable |
| UN Proper Shipping Name: | Not Regulated |
| Transport Hazard Class(es): | Not applicable |
| Packing Group: | Not applicable |

IMDG

| | |
|------------------------------------|----------------|
| UN/Identification No: | Not applicable |
| UN Proper Shipping Name: | Not Regulated |
| Transport Hazard Class(es): | Not applicable |
| Packing Group: | Not applicable |

15. REGULATORY INFORMATION

Regulatory Information

| | |
|--|---|
| US TSCA Chemical Inventory | This product and/or its components are listed on the TSCA Chemical Inventory or are exempt. |
| Canada DSL/NDSL Inventory | This product and/or its components are listed either on the Domestic Substances List (DSL) or are exempt. |
| <u>EPA Superfund Amendment & Reauthorization Act (SARA)</u> | |
| SARA Section 302 | This product does not contain any component(s) included on EPA's Extremely Hazardous Substance (EHS) List above the de minimis threshold. |
| SARA Section 304 | This product does not contain any component(s) identified as an EHS or a CERCLA Hazardous substance above the de minimis threshold. |

SARA Section 311/312 The following EPA hazard categories apply to this product:

Respiratory or Skin sensitization

SARA Section 313 This product does not contain components, which if in exceedance of the de minimus threshold, may be subject to the reporting requirements of SARA Title III Section 313 Toxic Release Reporting (Form R).

U.S. State Regulations

California Proposition 65 This product can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm.

| Chemical Name | California Proposition 65 |
|----------------------------------|--|
| 4-Methylpentan-2-One 108-10-1 | Carcinogen, initial date 11/4/2011 Developmental toxicity, initial date 3/28/2014 |
| Crystalline Silica 1317-95-9 | Carcinogen, initial date 10/1/1988 (airborne particles of respirable size) |
| Sulfur Dioxide 7446-09-5 | Developmental toxicity, initial date 7/29/2011 |

For more information, go to www.P65Warnings.ca.gov.

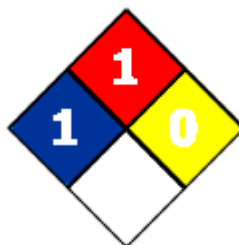
State Right-To-Know Regulations The following component(s) of this material are identified on the regulatory lists below:

| Chemical Name | New Jersey Right-To-Know | Pennsylvania Right-To-Know | Massachusetts Right-To-Know |
|--------------------------------------|--------------------------|----------------------------|-----------------------------|
| Petroleum Base Oils MIXTURE | Listed | Listed | Listed |
| 2-methylpentane-2,4-diol 107-41-5 | Listed | Listed | Listed |
| Limestone 1317-65-3 | Listed | Listed | Listed |

16. OTHER INFORMATION

Prepared by Toxicology & Product Safety

NFPA



Revision Notes

Revision date 04/26/2023

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is intended as guidance for safe handling, use, processing, storage, transportation, accidental release, clean-up and disposal and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.