

Safety Data Sheet

SECTION 1: Identification

Product identifier

Product Names Marine Oil

Other means of identification

Product Grades 5 TBN SAE 30, 20 TBN SAE 30, 12 TBN SAE 40, 15 TBN SAE 40, 40 TBN SAE 50

Recommended use of the chemical and restrictions on use

Recommended Use Marine Diesel Engine oils

Supplier's details

Name Hon-R Chemicals
Address 16950 Wallisville Rd.
Houston TX 77049
USA

Telephone (832) 376-4500

Emergency phone number

Company Phone: 1-832-376-4500
Emergency 24 hr Phone 1-800-424-9300 (toll-free)
(Chemtrec): 1-703-527-3887 (local)

SECTION 2: Hazard identification

General hazard statement

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients**Mixtures**

Petroleum lubricant base stock with proprietary performance additives mixture.

Component Identification	Weight %	Classifications
Base Oil – Highly Refined Hydrotreated Heavy Paraffinic Distillate (Group II Mineral Oil) CAS no.: 64742-54-7	75-95 %	CLASSIFICATIONS: not classified/ nonhazardous
Additive Package Proprietary	5-25 %	CLASSIFICATIONS: not classified/ nonhazardous

**The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more components may be withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).*

SECTION 4: First-aid measures**Description of necessary first-aid measures**

Eye Contact	Flush with large amounts of water for 15 minutes. Get medical attention if eye irritation develops or persists. If material is hot, treat for thermal burns and take victim to the hospital immediately.
Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention immediately if skin discoloration occurs.
Inhalation	This material is not expected to present an inhalation exposure at ambient conditions. Move the person to fresh air if necessary. Seek immediate medical attention if irritation, nausea, dizziness or unconsciousness occurs.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention or advice.
Personal protective equipment for first-aid responders	No action shall be taken involving any personal risk or without suitable training. Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing.

Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

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

Treat symptomatically.

SECTION 5: Fire-fighting measures**Suitable extinguishing media**

Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific hazards arising from the chemical

Fire Hazard	Not flammable but will support combustion.
Explosion Hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.

Special protective actions for fire-fighters

Firefighting Instructions	Use water spray or fog for cooling exposed containers.
Protection During Firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products	Under fire conditions, may produce fumes, smoke, oxides of carbon and hydrocarbons.

Further information

Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Wear personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions

Do not let product enter drains, ditches, or public waterways. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Slippery when spilled. Soak up with inert absorbent material such as clay or sand, then dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage**Precautions for safe handling**

Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2. Properly dispose of any contaminated rags or cleaning materials.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Avoid contact with any strong oxidizers.

Specific end use(s)

Apart from the uses mentioned in section 1, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**Control parameters**

Base Oil – Highly Refined Hydrotreated Heavy Paraffinic Distillate (CAS: 64742-54-7)

OSHA PEL (mist)	5 mg/m ³ TWA (29 CFR 1910.1000)
ACGIH TLV (mist)	5 mg/m ³ TWA (inhalable fraction)
NIOSH REL (mist)	5 mg/m ³ TWA; 10 mg/m ³ STEL
NIOSH IDLH	2500 mg/m ³

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Chemical goggles or safety glasses. When handling in bulk quantities: tightly fitting safety goggles. Ensure eyewash stations and/or safety showers are close to the workstation.

Skin protection

Wear chemically resistant protective gloves, such as nitrile gloves.

Body protection

Wear suitable protective clothing. Chemically resistant materials and fabrics.

Respiratory protection

Not required under normal use conditions. Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Thermal hazards

Not applicable.

SECTION 9: Physical and chemical properties

Property	Values
Physical state	Liquid
Color	Clear amber
Odor	Petroleum
Melting point and freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not determined
Lower and upper explosion / flammability limit	Not determined
Flash point	>200°C (COC) (392°F)
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	Not determined
Kinematic viscosity	Not determined
Solubility	Negligible
Partition coefficient — n-octanol/water (logarithmic value)	Not determined
Vapor pressure	Not determined
Density and relative density	Not determined
Relative vapor density	Not determined
Explosive Properties	Product is not explosive

SECTION 10: Stability and reactivity**Reactivity**

Contact with incompatible materials. Sources of ignition. Exposure to heat.

Chemical stability

Stable under normal storage conditions.

Possibility of hazardous reactions

Reacts with strong oxidizing agents.

Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces, direct sunlight, and sources of ignition.

Incompatible materials

Oxidizing agents

Hazardous decomposition products

May include: Fumes, Smoke, Oxides of Phosphorus, Sulfur, Nitrogen, Carbon Dioxide, Carbon Monoxide, and other low molecular weight Hydrocarbons.

SECTION 11: Toxicological information**Information on toxicological effects**

Acute toxicity	Oral LD50 (rat): > 5,000 mg/kg. Dermal LD50 (rabbit): > 2,000 mg/kg. Inhalation LC50 (rat): > 20 mg/L (4 hr, vapor). Low order of acute toxicity based on test data for this material and similar highly refined petroleum distillates.
Acute Inhalation effects	Low acute inhalation toxicity expected under normal conditions of use. Misting or aerosolization may cause mild respiratory tract irritation.
Skin corrosion/irritation	Not considered a skin irritant under GHS criteria. Prolonged or repeated contact may cause drying, cracking, or irritation of the skin (oil acne/dermatitis). Not classified as a skin corrosive.
Serious eye damage/irritation	Direct contact may cause temporary, mild irritation. Not classified as causing serious eye damage. Based on test data for similar hydrotreated heavy paraffinic distillates.
Respiratory or skin sensitization	Not a respiratory sensitizer. Not expected to cause skin sensitization based on data for similar materials.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. IARC indicates highly refined mineral oils are not mutagenic in vitro or in vivo.
Carcinogenicity	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Severely hydrotreated naphthenic and paraffinic petroleum oils are not listed as carcinogens by NTP or classified by IARC in Groups 1, 2A, or 2B. No cancer warning required under 29 CFR 1910.1200.
Reproductive toxicity	Not expected to cause reproductive or developmental effects. No ingredient listed as toxic to reproduction at reportable quantities.
Specific target organ toxicity (STOT) - single exposure	Not classified.
Specific target organ toxicity (STOT) - repeated exposure	Not classified. Prolonged inhalation of mist may be harmful; observe occupational exposure limits.
Aspiration hazard	Not classified as an aspiration hazard based on viscosity of this material.

SECTION 12: Ecological information**Toxicity**

The information is based on data available for the material, the components of the material, and similar materials.

Ecotoxicity

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to

amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

Mobility

Not available.

Persistence and Degradation

Not available.

Bioaccumulative potential

Not available.

Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations**Disposal methods****Product disposal**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Disposal should be in accordance with applicable Federal, State and local laws and regulations. Do not dispose into the environment, in drains or in water courses.

Packaging disposal

Dispose of as unused product.

SECTION 14: Transport information

UN Number	Not regulated.
UN Proper Shipping Name	None
14.3 Transport hazard class(es)	None
14.4 Packing group	None
Environmental hazards	None
Special precautions for user	None
Transport in bulk according to IMO instruments	None

SECTION 15: Regulatory information

Canadian Domestic Substances List (DSL)	Listed.
United States TSCA inventory	Listed — Base Oil – Highly Refined Hydrotreated Heavy Paraffinic Distillate (64742-54-7)
SARA Section 311/312 Hazard Classes	Not Classified
US State Regulations (MA, NJ, PA RTK)	Base Oil – Highly Refined Hydrotreated Heavy Paraffinic Distillate (64742-54-7) listed.
EU Table of Harmonized Entries (Annex VI to CLP)	Not listed.
Australian Inventory of Industrial Chemicals	Not listed.

Chemical Safety Assessment**HMIS Rating**

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

SECTION 16: Other information

Issue Date: April 27, 2026

Revision Date: April 27, 2026

Revision Note: New format. All Sections. First version in OSHA SDS format. Updated supplier logo and contact details.

Notice to reader

All reasonably practicable steps have been taken to ensure 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 given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be 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. This information is furnished upon condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.

End of Safety Data Sheet