



SAFETY DATA SHEET

BRIGHT STOCK

Version: 1.0

Issue date: 12 July 2026

1. Identification

Product identifier: Bright Stock

Product description: High-viscosity, highly refined petroleum base oil

Recommended use: Component for lubricants, greases, marine oils, gear oils and industrial oil formulations.

Supplier: Basekim Chemical Production Co. Ltd.

Telephone: +90 312 514 70 55

Email: info@basekim.com

Emergency telephone: Contact the applicable local emergency service or poison information centre.

2. Hazard Identification

GHS Classification

Not classified as hazardous based on the assumed use of highly refined, high-viscosity mineral base oil.

Signal word: None

Pictograms: None

Hazard statements: None required

Precautionary Information

- Avoid prolonged or repeated skin contact.
- Avoid breathing oil mist.
- Wear gloves and eye protection during transfer.
- Spilled product creates a serious slipping hazard.
- Do not release into drains, soil or surface water.
- Hot product may cause thermal burns.



The final classification must be confirmed against the exact refining history, CAS number and composition of the supplied grade.

3. Composition/Information on Ingredients

Component	Concentration
Highly refined petroleum base oil	95–100%
Performance or processing additives	0–5%

CAS number: Supplier and refining-process dependent. A shipment-specific CAS number must be shown on the final SDS.

The product should contain less than the applicable regulatory limit for substances classified as carcinogenic, subject to confirmation by the refinery or supplier.

4. First-Aid Measures

Inhalation: Move the person to fresh air if oil mist or fumes have been inhaled. Seek medical attention if coughing or breathing discomfort continues.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. For contact with hot product, cool the affected area with clean running water and obtain medical attention.

Eye contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses when easy to do. Obtain medical advice if irritation continues.

Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical advice if a large amount is swallowed or symptoms develop.

5. Firefighting Measures

Suitable extinguishing media:

- Foam
- Dry chemical powder
- Carbon dioxide
- Water fog

Do not use a direct high-pressure water jet on burning oil.



Combustion may produce carbon monoxide, carbon dioxide, smoke, sulfur oxides and unidentified irritating fumes.

Firefighters should wear protective clothing and self-contained breathing apparatus where required. Cool exposed containers with water spray.

6. Accidental Release Measures

Stop the leak where this can be done safely.

Wear gloves, protective footwear and eye protection. Avoid walking through spilled product because surfaces may become extremely slippery.

Contain with sand, earth or another non-combustible absorbent. Recover free liquid by pumping and place residue in labelled waste containers.

Prevent entry into drains, waterways and soil.

7. Handling and Storage

Avoid prolonged skin contact and inhalation of mist.

Use suitable pumping equipment. Bond and ground transfer equipment where static accumulation may be possible.

Store in tightly closed containers in a cool, dry and ventilated location. Protect from water and contamination.

Keep away from strong oxidising agents, open flames and excessive heat.

Use caution when heating. Do not overheat closed containers.

8. Exposure Controls/Personal Protection

Engineering controls: Provide adequate ventilation. Use local exhaust ventilation where oil mist is generated.

Eye protection: Safety glasses; chemical goggles where splashing may occur.

Hand protection: Oil-resistant nitrile, neoprene or PVC gloves.



Body protection: Protective work clothing and oil-resistant footwear.

Respiratory protection: Normally unnecessary. Use an approved mist respirator if ventilation cannot keep airborne oil mist below the applicable occupational limit.

Wash hands before breaks and after handling.

9. Physical and Chemical Properties

Property	Typical Information
Physical state	Viscous liquid
Appearance	Clear, bright, dark amber
Odour	Mild petroleum odour
Density at 15°C	Approximately 0.895–0.925 g/cm ³
Kinematic viscosity at 100°C	Approximately 28–34 mm ² /s
Flash point	Typically above 260°C
Pour point	Typically –6°C or below
Water solubility	Insoluble
Vapour pressure	Very low at ambient temperature
Flammability	Combustible at elevated temperature
Auto-ignition temperature	No verified product data

Values must be confirmed by the applicable Certificate of Analysis.

10. Stability and Reactivity

Stable under normal storage and handling conditions.

Avoid excessive heating, open flames and contact with strong oxidising agents.

Hazardous polymerisation will not occur.

Thermal decomposition may generate carbon oxides, smoke and irritating petroleum decomposition products.

11. Toxicological Information

The product is expected to have low acute toxicity.



Prolonged or repeated skin contact may cause dryness, irritation or oil folliculitis.

Eye contact may cause temporary irritation.

Inhalation of oil mist or thermal decomposition fumes may irritate the respiratory tract.

Used oil may contain hazardous contaminants accumulated during service and should not be handled as unused Bright Stock.

12. Ecological Information

The product is insoluble in water and may form a film on water surfaces.

It is expected to adsorb to soil and sediment and may persist in the environment.

Avoid uncontrolled release. Large spills may harm aquatic organisms through physical fouling or reduced oxygen transfer.

Complete product-specific ecological data are unavailable.

13. Disposal Considerations

Recover or recycle unused product where possible.

Dispose of product, contaminated absorbents and packaging through an authorised waste contractor.

Do not discharge into drains, soil or surface water.

Waste classification depends on product use, contamination and local regulations.

14. Transport Information

Regulation	Classification
UN number	Not assigned
ADR/RID	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods
IATA/ICAO	Not regulated as dangerous goods
Marine pollutant	No, based on assumed composition
Packing group	Not applicable



Transport containers upright, closed and protected against damage and leakage.

15. Regulatory Information

The product must be evaluated under the chemical-control and workplace regulations applicable in the destination country.

The supplier or importer must confirm:

- Exact CAS and EC numbers
- Petroleum refining history
- GHS/CLP classification
- Chemical inventory status
- Applicable occupational exposure limits
- Any carcinogenicity exemption based on refining history
- Country-specific registration requirements

16. Other Information

This SDS applies to a typical **virgin, highly refined Bright Stock base oil**. It does not apply to used oil, recycled oil or grades containing hazardous additives unless specifically revised.

The website describes Bright Stock as a heavy base oil for industrial, automotive, grease and marine lubricant applications and lists supply from Basekim's UAE and Turkey hubs.