



BT 220 Base Oil

ID: SDS-BT220-02

Safety Data Sheet

SECTION 1: Product and Company Identification

Product Identifier

Product Form: Mixture

Product Name: BT 220 Base Oil

Synonyms: Not available

Intended Use of the Product: Base Oil, Base Stock, Re-Refined Oil.

Manufacturer/Importer/Supplier/Distributor Information

Company Name	Blue Tide Group, LLC	
Address	4400 Post Oak Parkway, Suite 1980, Houston, TX, 77027	
Telephone	Technical Questions	(469) 956-3338
Website	www.bluetide.com	
Emergency Phone Number	Chemtrec	(800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Not classified

Hazard Pictograms (GHS): Not Applicable

Signal Word: Not Applicable

Hazard Statements: None

Precautionary Statements:

Prevention	Use only outdoors or in a well-ventilated area. Open doors and windows or use other means to ensure fresh air supply during use. Observe good industrial hygiene practices.
Response	Wash hands after handling. If exposed or concerned: Get medical advice/attention.
Storage/Disposal	Store away from incompatible materials. Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other Hazards

Repeated exposure may cause skin dryness or cracking.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition

Chemical Name	CAS Number	Weight %	Classification According to Regulation/Directive
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	100	Not Classified



SECTION 4: FIRST AID MEASURES**Description of First-aid Measures**

Inhalation: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned, get advice.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

Ingestion: Get emergency medical help immediately. Do NOT induce vomiting.

Most Important Symptoms and Effects

No information.

Indication of Any Immediate Medical Attention and Special Treatment

If exposed or concerned, get medical advice and attention. If medical advice is needed, have a product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical powder.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising from the Mixture: During fire, gases hazardous to health may be formed.

Explosion Hazard: No unusual fire or explosion hazards noted.

Advice for Firefighters

Firefighting Instructions: Move containers away from area if you can do so without risk. Use water spray or fog for cooling exposed containers. Fight fire with normal precautions from a reasonable distance. Do not allow firefighting water to enter drains or water ways.

Protection During Firefighting: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Hazardous Combustion Products: Carbon oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions**

General Measures: Do not handle until all safety precautions have been read and understood. Do not breathe vapor, mist, or spray.

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

Environmental Precautions: Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill, or leak area in all directions. Ventilate area.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal (See Sec. 13). Never return spills in original container for re-use.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Observe good industrial hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Do not breathe vapors, spray, mist. Use only outdoors or in a well-ventilated area. Do not eat, drink, or smoke when using this product.

Conditions for Safe Storage

Store locked up. Store in a dry, cool well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Control Parameters**

No data available on product.

Exposure Controls

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

Personal Protective Equipment: Gloves. Protective clothing. Safety glasses with side-shields. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: For prolonged or repeated skin contact wear suitable protective gloves.

Eye and Face Protection: Safety glasses with side-shields are recommended. Additional protection like goggles or face shields may be needed.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of inadequate ventilation, wear approved respiratory protection.

Other Information: When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Amber
Odor	: Petroleum
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: >129.5 °C (>265 °F)
Flash Point	: 240°C (464 °F)
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability	: Not applicable
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: <0.1 mmHg @ 20 °C (68 °F)
Relative Vapor Density at 20°C	: No data available
Relative Density	: 0.851 @ 15 °C (59 °F)
Solubility	: Insoluble in water
Viscosity	: 42.5 cSt @ 40 °C (104 °F)
Pour Point	: -12 °C (10 °F)

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

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

Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions to Avoid:

Temperatures exceeding the flash point.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

None under normal temperatures and pressures. Thermal decomposition may produce: Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION**Information on Toxicological Effects - Product**

Acute Toxicity (Oral): Classification criteria not met. LD50 oral rat = >5000 mg/kg.

Acute Toxicity (Dermal): Classification criteria not met. LD50 dermal rabbit = > 2000 mg/kg.

Acute Toxicity (Inhalation): Classification criteria not met. LC50 (vapor) = > LC50 (dust/mist) = 5.53 mg/l (4h).

Eye Damage/Irritation: Not an eye irritant

Skin Irritation: Not a skin irritant.

Respiratory or Skin Sensitization: Not a sensitizer.

Carcinogenicity: Not Classified

Germ Cell Mutagenicity: No data available.

Specific Target Organ Toxicity (Repeated Exposure): No data available.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity (Single Exposure): No data available.

Aspiration Hazard: Does not meet classification criteria.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not expected to be harmful to aquatic organisms.

Persistence and Degradability: No information is available for product.

Mobility in Soil: No information is available for product.

Other Adverse Effects: No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment Instructions: Collect and reclaim or disposed in sealed containers at licensed waste disposal site.

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Hazardous Waste Code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Wastes from Residues/Unused Product: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on several variables that may or may not have been known at the time the SDS was issued.

In Accordance with DOT

Proper Shipping Name : Not regulated as a dangerous good.

In Accordance with IMDG

Proper Shipping Name : Not regulated as a dangerous good.

In Accordance with IATA

Proper Shipping Name : Not regulated as a dangerous good.

In Accordance with TDG

Proper Shipping Name : Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION**US Federal Regulations****Safety, health, and environmental regulations/legislation specific for the substance or mixture****SARA 311/312 Hazard Classifications**

None

Listed on the U.S. EPA TSCA Inventory List.

United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

- Not listed

U.S. - OSHA - Specifically Regulated Chemicals

- Not listed

Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

- Not listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

- Not listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

- Not listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

- Not listed

United States Inventories**U.S. - California - Proposition 65 - Carcinogens List**

- Not listed

U.S. - California - Proposition 65 - Developmental Toxicity

- Not listed

U.S. - California - Proposition 65 - Reproductive Toxicity – Female/Male

- Not listed

U.S. – Massachusetts RTK – Substance List

- Not regulated

U.S. New Jersey Worker and Community Right to Know Law

- Not listed

U.S. Pennsylvania Worker and Community Right-to-Know Law

- Not listed

Rhode Island RTK

- Not listed

International Inventories**Australian Inventory of Chemical Substances**

- Listed

Canadian Domestic Substances List (DSL)

- Listed

Canadian Non-Domestic Substances List (NDSL)

- Not listed

Inventory of Existing Chemical Substances in China

- Listed

European Inventory of Existing Commercial Chemical Substances (EINECS)

- Listed

European List of Notified Chemical Substances (ELNCS)

- Not listed

Japanese Inventory of Existing and New Chemical Substances (ENCS)

- Not listed

Korean Existing Chemicals List (ECL)

- Listed

New Zealand Inventory

- Listed

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

- Listed

SECTION 16: OTHER INFORMATION

Date of Preparation or Latest Revision : 04/25/2025, Version 2.

Indication of Changes : Updated in accordance with the latest SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 dated May 20, 2024.
Updated hazard category

Key to Abbreviations:

GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IMDG	International Maritime Dangerous Goods
MARPOL 73/78	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the protocol of 1978 (MARPOL = Marine Pollution)

Disclaimer/Statement of Liability

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, this SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.