

## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

#### SECTION 1: Product and Company Identification

**Product Identifier Product Form:** Mixture **Product Name:** BT HT Gas Oil

**Other Means of Identification:** Not available **Chemical**

**Category:**

**Intended Use of the Product:** Fuel Oil, Hydro-gas oil, Distillate

#### Manufacturer/Importer/Supplier/Distributor Information

<b>Company Name</b>	Blue Tide, LLC	
<b>Address</b>	5841 Legacy Circle, Suite 250D Plano, TX 75024	
<b>Telephone</b>	Technical Questions	(469) 956-3336
<b>Website</b>	<a href="http://www.bluetide.com">www.bluetide.com</a>	
<b>Emergency Phone Number</b>	Chemtrec	(800) 424-9300

#### SECTION 2: HAZARDS IDENTIFICATION

##### GHS Classification

Physical Hazards  
Health Hazards

Flammable Liquid 3 (H226)  
Acute Inhalation Toxicity 3 (H331)  
Aspiration Hazard 1 (H304)  
Acute Aquatic 3 (H402)

Environmental Hazards

GHS Full Text Phrases can be found in Section 16

##### **GHS Pictograms:**



**Signal Word:**

**Danger**

**Hazard Statements:**

Flammable liquid and vapor Toxic if inhaled.  
May be fatal if swallowed and enters airways.  
Harmful to aquatic life.

**Precautionary Statements:**

**Prevention** P210 – Keep away from heat, hot surface, sparks, open flames and other ignition sources.  
No smoking.  
P233 – Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge. P261  
- Avoid breathing vapors, mist, or spray.

## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

Revision Date: 03-04-2025

of 9

- P271 - Use only outdoors or in a well -ventilated area  
 P273 – Avoid release to the environment.  
 P284 - In case of inadequate ventilation, wear respiratory protection.  
 P280 - Wear protective gloves, protective clothing, and eye protection.

**Response IN CASE OF FIRE:** In case of fire, use dry chemical, foam or carbon dioxide.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.  
 Call a POISON CENTER/doctor or physician if feel unwell.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**IF IN EYES:** 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/attention.

**IF INGESTED:** If swallowed: Immediately call a POISON CENTER/doctor or physician. Do NOT induce vomiting.

If exposed or concerned: Get medical advice/attention.

**Storage/Disposal P403 -** Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - 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 light paraffinic	64742-55-8	99.9-100	<b>OSHA HCS 2012:</b> Flam. Liq 3 (H226), Aspiration 1 (304), Acute Toxicity (Inhal) 3 (H331)
Hydrogen Sulfide	7783-06-4	<0.1	<b>OSHA HCS 2012:</b> Flam. Gas 1 (H220), Acute Toxicity (Inhal) 2 (H330), STOT-SE 3 (H335) (Resp. Tract), Acute Aq. 1 (H400)

### SECTION 4: FIRST AID MEASURES

#### Description of First-aid Measures

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor or physician if feel unwell.

**Skin Contact:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. 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/attention.

**Ingestion:** If swallowed: Immediately call a POISON CENTER/doctor or physician. Do NOT induce vomiting.

#### Most Important Symptoms and Effects

Harmful if inhaled. May be fatal or cause lung damage if aspirated into lungs.

## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

#### Indication of Any Immediate Medical Attention and Special Treatment

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Inhalation of hydrogen sulfide may cause respiratory depression and lead to death. Pulmonary edema may occur up to 48 hours after exposure – keep under observation.

Revision Date: 03-04-2025

#### SECTION 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use dry chemical, foam, carbon dioxide, water spray.

**Unsuitable Extinguishing Media:** Do not use water jet as an extinguisher as this may spread the fire.

**Specific Hazards Arising from the chemical:** Flammable liquid and vapor.

#### Advice for Firefighters

**Firefighting Instructions:** Move container from fire area if it can be done without risk. Keep storage containers cool with water spray. Vapor explosion hazard indoors, outdoors, or in sewers. Vapors may travel to ignition source and flashback. Vapors will spread along the ground and collect in low or confined areas. Run-off to sewer may create a fire hazard. Take precautionary measures against static discharges. Use non-sparking tools and equipment.

**Protection During Firefighting:** Wear full firefighting turn-out gear (full bunker gear), and respiratory protection (SCBA). **Hazardous Combustion Products:** Decomposition and combustion materials may be toxic. Decomposition products may include hydrogen sulfide, oxides of carbon, low molecular weight hydrocarbons.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### Personal Precautions

**General Measures:** Do not handle until all safety precautions have been read and understood. Avoid breathing fumes. Avoid contact with skin, eyes, or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

**Protective Equipment:** Personal protection, see section 8 for details. Any individual not wearing protective equipment should not enter spill or contaminated area until all clean-up has been completed. Before entering storage space in a confined area, check the atmosphere for oxygen content, hydrogen sulfide and flammability. Ensure adequate ventilation.

**Emergency Procedures:** For personal emergency procedures see section 4. For fire emergency procedures see section 5. Contain spilled oil liquid, if possible, without posing any risk or personal injury.

**Environmental Precautions:** Prevent spreading over wide area. Contain spill immediately. Contact appropriate authorities of spill. Do not allow spill to enter sewer system, drains of any kind, surface water or water courses. Avoid flushing to such areas as well. Remove all sources of ignition.

##### Methods and Materials for Containment and Cleaning Up

**For Containment:** Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist.

**Methods for Cleaning Up:** Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean tool into a sealable container for disposal. Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal. There may be specific federal regulatory reporting requirements associated with spills, leaks, or releases of this product. Dispose of in accordance with federal, state and local regulations.

#### SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Where flammable mixtures may be present, equipment safe for such locations should be used. Use only clean nonsparking tools and explosion-proof equipment. Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Keep container tightly closed. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharges. Do not inhale aerosols, mists, sprays, fumes, or vapors. Sense of smell becomes rapidly fatigued and cannot be relied upon to warn of the continuous presence of hydrogen sulfide. Use in a well-ventilated area. Do not eat, drink, or smoke when using this product. Avoid contact with eyes, skin, clothing, and shoes. Wear protective gloves/clothing and eye/face protection.



## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

#### Conditions for Safe Storage

Keep container tightly closed when not in use and during transport. Store in a dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Empty product containers may retain product residue and can be dangerous. **Incompatibilities:** Flame, sparks, static electricity, or other sources of ignition.

Revision Date: 03-04-2025

## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Control Parameters

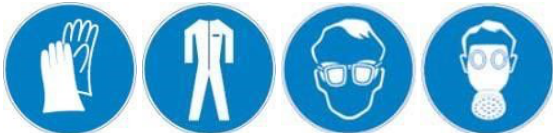
No data available on product. For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL).

Exposure limits/Guidelines				
Component	Result	ACGIH	NIOSH	OSHA
Distillates (petroleum), hydrotreated light paraffinic	TWA	Not established	Not established	Not established
Hydrogen Sulfide	STEL	5 ppm (7 mg/m <sup>3</sup> )	Not established	Not established
	Ceiling	Not Established	10 ppm (14 mg/m <sup>3</sup> ) -10 min	20 ppm (28 mg/m <sup>3</sup> ) 50 ppm 10-min max peak (70 mg/m <sup>3</sup> )
	TWA	1 ppm (1.4 mg/m <sup>3</sup> )	Not established	Vacated
	IDLH	Not established	100 ppm (140 mg/m <sup>3</sup> )	Not established

##### Exposure Controls

**Appropriate Engineering Controls:** Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

**Personal Protective Equipment:** Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Safety glasses, gloves, and lab coat or apron. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. If handling hot material, use insulated protective clothing.

**Hand Protection:** Where skin contact is likely, wear chemical impervious protective gloves; use of natural rubber (latex), or equivalent gloves is not recommended.

**Eye and Face Protection:** Wear safety glasses. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Eye wash fountain and emergency showers are recommended. Contact lens use is not recommended.

**Skin and Body Protection:** Use impervious clothing (boots, gloves, aprons, bibs, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing. Launder soiled clothes - do not reuse contaminated clothing. Properly dispose of contaminated clothing or articles that cannot be laundered such as leather gloves, boots, etc. Contact your facility safety department or safety supplier to determine the proper protective equipment for your use.

**Respiratory Protection:** Sense of smell becomes rapidly fatigued and cannot be relied upon to warn of the continuous presence of hydrogen sulfide. Use NIOSH air-certified, air-supplied respirators (self-contained breathing apparatus or air-line) respiratory protective equipment when concentration of hydrogen sulfide may exceed applicable exposure limits. Protection provided by air purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance with OSHA General Industry Standard 29 CFR 1910.134.

**Other Information:** Wear proper PPE at elevated temperatures. When using, do not eat, drink, or smoke.

## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

##### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear liquid, amber or red in color
Odor	: Petroleum oil
Odor Threshold	: 0.1 ppm (H2S)
Melting Point	: Not Available
Initial Boiling Point and Boiling Range	: Not Available
Flash Point	: < 110°F
Auto-ignition Temperature	: Not Available
Decomposition Temperature	: Not Available
Flammability	: Flammable liquid
Lower Flammable Limit	: 0.7 vol%
Upper Flammable Limit	: 5 vol%
Vapor Pressure	: Not Available
Relative Vapor Density at 20°C	: 4.5 (air = 1)
Relative Density	: 0.85 @15°C (59°F)
Density	: 7lb/gal (US approximate)
Specific Gravity	: 0.85 (Water = 1)
Solubility	: Insoluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: 3 mm/s <sup>2</sup> @ 40° C (104°F)

#### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:**

Hazardous reactions will not occur under normal conditions.

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Possibility of Hazardous Reactions:**

Hazardous polymerization will not occur.

**Conditions to Avoid:**

Avoid temperatures exceeding the flash point.

**Incompatible Materials:**

Strong acids, bases, oxidizing agents, protic solvents, air or moisture. **Hazardous**

**Decomposition Products:**

Decomposition and combustion materials may be toxic. Decomposition products may include hydrogen sulfide, oxides of carbon, low molecular weight hydrocarbons.

#### SECTION 11: TOXICOLOGICAL INFORMATION

**Information on Toxicological Effects - Product**

**Acute Toxicity (Oral):** No data on product. Calculated ATE = 2502. Not classifiable.

**Acute Toxicity (Dermal):** No data on product. Calculated ATE = 2502. Not classifiable.

**Acute Toxicity (Inhalation):** No data on product. Calculated ATE = 2.99 mg/L. Acute Inhalation Category 3. **Eye**

**Damage/Irritation:** May cause irritation.

**Skin Irritation:** May cause irritation.

**Respiratory or Skin Sensitization:** Not a known sensitizer.

## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

**Carcinogenicity:** None of the product's components are listed by ACGIH, IARC, OSHA, NIOSH or NTP as a carcinogen. IARC has determined that severely hydrotreated paraffinic base oils, such as Distillates (petroleum), hydrotreated light paraffinic are not tumorigenic (IARC Monograph, Vol 100F, 2012).

**Germ Cell Mutagenicity:** No Data

**Specific Target Organ Toxicity (Repeated Exposure):** No known target organ effects with product.

**Reproductive Toxicity:** No known reproductive effects with product.

**Specific Target Organ Toxicity (Single Exposure):** May cause respiratory irritation.

**Aspiration Hazard:** Aspiration Hazard Category 1. Information on Toxicological

#### Data

Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	
LD50 Oral Rat	>5000 mg/kg
LD50 Dermal Rat	>2000 mg/kg
LC50 Inhalation Rat	3900 mg/m <sup>3</sup> 4-h
Hydrogen Sulfide (7783-06-4)	
LD50 Oral Rat	No data
LD50 Dermal Rabbit	No data
LC50 Inhalation Rat	622 mg/m <sup>3</sup> 4-h

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Data lacking on product. Harmful to aquatic life.

Components		
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	<b>Aquatic Toxicity-Fish:</b> 96 Hour(s) LC50 <i>Oncorhynchus mykiss</i> (rainbow trout) >5000 mg/L <b>Aquatic Toxicity-Crustacea:</b> 48 Hour(s) EC50 <i>Daphnia magna</i> (Water Flea) >1000 mg/L (IUCLID)
Hydrogen Sulfide	7783-06-4	<b>Aquatic Toxicity-Fish:</b> 96 Hour(s) LC50 <i>Lepomis macrochirus</i> (Bluegill) 0.0448 mg/L (flow through) <b>Aquatic Toxicity-Fish:</b> 96 Hour(s) EC50 <i>Pimephales promelas</i> (fathead minnow) 0.016 mg/L (flow through)

**Acute Aquatic Toxicity** – Acute Aquatic 3.

**Chronic Aquatic Toxicity** – No data. Contains 100% of components with unknown chronic toxicity to the aquatic environment.

**Mobility in Soil:** No additional information available

**Other Adverse Effects:** Other Information: Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations. Spilled or discarded material may be a regulated waste. Refer to state and local regulations. If other material was used during cleanup efforts, the resultant mixture may be regulated differently, and determination may be required. **Ecology -**

**Waste Materials:** Avoid release to the environment.

### 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 : Petroleum Distillates, n.o.s.  
 Hazard Class : 3  
 Identification Number : UN 1268  
 Label Codes : Class 3

# SAFETY DATA SHEET

## BT GAS OIL (BT GO)

Packing Group : III

### In Accordance with IMDG

Proper Shipping Name : Petroleum Distillates, n.o.s.  
 Hazard Class : 3  
 Identification Number : UN 1268  
 Label Codes : Class 3  
 Packing Group : III

### In Accordance with IATA

Proper Shipping Name : Petroleum Distillates, n.o.s.  
 Hazard Class : 3  
 Identification Number : UN 1268  
 Label Codes : Class 3  
 Packing Group : III

### In Accordance with TDG

Proper Shipping Name : Petroleum Distillates, n.o.s.  
 Hazard Class : 3  
 Identification Number : UN 1268  
 Label Codes : Class 3  
 Packing Group : III

**International Bulk Chemical Code (IBS):** This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

## SECTION 15: REGULATORY INFORMATION

**US Federal Regulations** Safety, health, and environmental regulations/legislation specific for the substance or mixture

**SARA 311/312 Hazard Classifications** Acute, Fire

All components are on the U.S. EPA TSCA Inventory List. **United**

### States

#### Labor

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

•Hydrogen Sulfide	7783-06-4	1500 lb TQ; 680 kg TQ
-------------------	-----------	-----------------------

**U.S. - OSHA - Specifically Regulated Chemicals**

•None Listed

#### Environment

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants (CAA 112(b))**

•None Listed

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

•Hydrogen Sulfide	7783-06-4	100 lb final RQ; 45 kg final RQ
-------------------	-----------	---------------------------------

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

•Hydrogen Sulfide	7783-06-4	500 lb final RQ; 227 kg final TPQ
-------------------	-----------	-----------------------------------

**U.S. - CERCLA/SARA - Section 304 Extremely Hazardous Substances TPQs**

•Hydrogen Sulfide	7783-06-4	100 lb final TPQ; 45 kg final TPQ
-------------------	-----------	-----------------------------------

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

•Hydrogen Sulfide	7783-06-4	1.0 % de minimis concentration
-------------------	-----------	--------------------------------

### United States - California

#### Environment



# SAFETY DATA SHEET

## BT GAS OIL (BT GO)

**U.S. - California - Proposition 65 - Carcinogens List**

•None Listed

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

•None Listed

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

• None listed

<b>US State Regulations</b>	
US Massachusetts RTK – Substance List	Hydrogen Sulfide (7783-06-4)
US New Jersey Worker and Community Right-toKnow Act	Hydrogen Sulfide (7783-06-4)
US Pennsylvania Worker and Community Right-toKnow Law	Hydrogen Sulfide (7783-06-4)
US Rhode Island RTK	Hydrogen Sulfide (7783-06-4)
<b>Component Analysis – Inventory</b>	
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8
CA	DSL
AU	Yes
CN	Yes
EU	EIN
JP-ENCS	NO
KR	Yes
NZ	Yes
PH	Yes

**SECTION 16: OTHER INFORMATION**

**Date of Preparation or Latest Revision** : 3/4/2025

**Indication of Changes** : Regulatory Applicability Revisions

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. **GHS Full Text Phrases:**

H220	Extremely flammable gas
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life



**NFPA Health Hazard** : 3– Toxic: Can cause serious or permanent injury.



## SAFETY DATA SHEET

### BT GAS OIL (BT GO)

**NFPA Fire Hazard** : 2 - Materials that must be moderately heated before ignition can occur (FP >100 <200°F). **NFPA**  
**Reactivity Hazard** : 0 - Material that in themselves are normally stable, even under fire conditions.

#### 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*



## **SAFETY DATA SHEET**

### **BT GAS OIL (BT GO)**

*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.*

**SAFETY DATA SHEET**  
**BT GAS OIL (BT GO)**

Revision Date: 03-0