

1. Identification

1.1. Product identifier

Product Identity

Diesel Fuel No. 2 with Biodiesel

Alternate Names

B2; B20; B5; Biodiesel Fuel; No 2. B20; No. 2 B2; No. 2 B5, Diesel Fuel No. 2 with Biodiesel

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

Fuel

1.3. Details of the supplier of the safety data sheet

Company NameGuttman Energy, Inc.
200 Speers Street
Belle Vernon, PA 15012
United States
www.guttmanenergy.com safety@guttmanenergy.com**Emergency****24 hour Emergency Telephone No.**

1-800-535-5053 - INFOTRAC

Customer Service: Guttman Energy, Inc.

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Flam. Liq. 4;H227

Combustible Liquid.

Acute Tox. 4;H332

Harmful if inhaled.

Skin Irrit. 2;H315

Causes skin irritation.

Eye Dam. 2A;H319

Causes serious eye irritation.

Carc. 2;H351

Suspected of causing cancer.

Asp. Tox. 1;H304

May be fatal if swallowed and enters airways.

Aquatic Acute 3;H402

Harmful to aquatic life.

Aquatic Chronic 2;H411

Toxic to aquatic life with long lasting effects.

2.2. Label elements

**Danger**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

H402 Harmful to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

[Prevention]

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
- P235 Keep cool.
- P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, eye protection, face protection.

[Response]

- P301+310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.
- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P304+312 IF INHALED: Call a poison center or doctor or physician if you feel unwell.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P308+313 IF exposed or concerned: Get medical advice or attention.
- P321 Specific treatment (see information on this label).
- P331 Do NOT induce vomiting.
- P332+313 IF SKIN IRRITATION OCCURS: Get medical advice or attention.
- P337+313 If eye irritation persists: Get medical advice or attention.
- P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P362 Take off contaminated clothing and wash before reuse.
- P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.
- P391 Collect spillage.

[Storage]

- P403+235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.

[Disposal]

- P501 Dispose of contents or container in accordance with local and national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Fuels, diesel, No 2; Gasoil-unspecified CAS Number: 0068476-34-6	100	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Carc. 2;H351 Aquatic Chronic 2;H411 Acute Tox. 4;H332	----
Kerosene (petroleum) CAS Number: 0008008-20-6	10 - 25	Asp. Tox. 1;H304	----
Soybean oil, Me ester CAS Number: 0067784-80-9	10 - 25	Not Classified	----

Naphthalene CAS Number: 0000091-20-3	0.10 - 1.0	Carc. 2;H351 Acute Tox. 4;H302 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	----
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The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.
 *PBT/vPvB - PBT-substance or vPvB-substance.
 The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview	<p>Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.</p> <p>Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.</p> <p>Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. Check section 2.2 (GHS Label Elements) for further details.</p>
Inhalation	Harmful if inhaled.
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media • CAUTION: For mixtures containing a high percentage of an alcohol or polar solvent, alcohol-resistant foam may be more effective.
 SMALL FIRES: Dry chemical, CO₂, water spray or alcohol-resistant foam. LARGE FIRES: Water spray, fog or alcohol-resistant foam.
 Unsuitable Extinguishing Media • Avoid using direct water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep cool.

Avoid breathing dust, fume, gas, mist, vapors, spray.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Many liquids are lighter than water. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may travel to source of ignition and flash back. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Move containers from fire area if you can do it without risk. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.

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Section 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. A vapor suppressing foam may be used to reduce vapors. All equipment used when handling the product must be grounded.

LARGE SPILLS: Dike far ahead of spill for later disposal.

LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

Section 7. Handling and storage**7.1. Precautions for safe handling**

Keep away from heat, sparks, and flame. Do not use sparking tools. Take precautionary measures against static charges. All equipment used when handling the product must be grounded. Do not breathe mist, vapors and/or spray. Avoid contact with skin, eyes or clothing. Wear appropriate personal protective equipment, avoid direct contact. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed container. Store in a cool/low-temperature, well-ventilated place.

Incompatible materials: Oxidizing Agents

Check section 2.2 (GHS Label Elements) for further details. - [Storage]

7.3. Specific end use(s)

No data available.

Section 8. Exposure controls / personal protection
8.1. Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
0000091-20-3	Naphthalene	OSHA	TWA 10 ppm (50 mg/m ³) STEL 15 ppm
		ACGIH	TWA: 10 ppm STEL: 15 ppm
		NIOSH	TWA 10 ppm (50 mg/m ³) STEL: 15 ppm (75 mg/m ³)
0008008-20-6	Kerosene (petroleum)	OSHA	No Established Limit
		ACGIH	TWA: 200 mg/m ³
		NIOSH	TWA 100 mg/m ³
0067784-80-9	Soybean oil, Me ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0068476-34-6	Fuels, diesel, No 2; Gasoil-unspecified	OSHA	No Established Limit
		ACGIH	100 mg/m ³ TWA (inhalable fraction and vapor, as total hydrocarbons, listed under Diesel fuel)
		NIOSH	No Established Limit

8.2. Exposure controls
Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.

Skin

Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

Section 9. Physical and chemical properties
9.1. Information on basic physical and chemical properties
Appearance

Color: Various colors, Note: red dye is added to non-taxable fuel. Physical State: Liquid

Odor

Not Available

Odor threshold

Not determined

pH

Not Measured

Melting point / freezing point

Not Measured

Initial boiling point and boiling range

330 to 698 °F(165.5556 to 370 °C)

Flash Point	125 to 190 °F (51.6667 to 87.7778 °C)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 0.3 % Upper Explosive Limit: 10 %
Vapor pressure (Pa)	Not Measured
Vapor Density	> 1 Air=1
Relative Density	0.8 to 0.88 Water=1
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
9.2. Other information	
No other relevant information.	

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to any other sources of heat or ignition.

10.5. Incompatible materials

Oxidizing Agents

10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Section 11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Fuels, diesel, No 2; Gasoil-unspecified - (68476-34-6)	> 5,000.00, Rat - Category: NA	4,300.00, Rabbit - Category: 5	No data available	4.60, Rat - Category: 4	No data available
Kerosene (petroleum) - (8008-20-6)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available	No data available	No data available
Soybean oil, Me ester - (67784-80-9)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available	No data available	No data available
Naphthalene - (91-20-3)	490.00, Rat - Category: 4	20,000.00, Rabbit - Category: NA	No data available	No data available	No data available

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000091-20-3	Naphthalene	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: Yes;
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
		ACGIH	A3
0008008-20-6	Kerosene (petroleum)	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A3
0067784-80-9	Soybean oil, Me ester	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0068476-34-6	Fuels, diesel, No 2; Gasoil-unspecified	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A3

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	4	Harmful if inhaled.
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	2	Suspected of causing cancer.
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Section 12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Harmful to aquatic life.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Fuels, diesel, No 2; Gasoil-unspecified - (68476-34-6)	21.00, Oncorhynchus mykiss	1,000.00, Daphnia magna	10.00 (72 hr), Pseudokirchneriella subcapitata
Kerosene (petroleum) - (8008-20-6)	5.00, Oncorhynchus mykiss	1.40, Daphnia magna	3.00 (72 hr), Pseudokirchneriella subcapitata
Soybean oil, Me ester - (67784-80-9)	> 1,000, Fish (Piscis)	800.00, Daphnia magna	Not Available
Naphthalene - (91-20-3)	0.99, Oncorhynchus gorbuscha	1.60, Daphnia magna	68.21 (96 hr), Scenedesmus subspicatus

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

Section 13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1993	UN1993	UN1993
14.2. UN proper shipping name	UN1993, Flammable liquids, n.o.s., (Diesel Fuel, Combustible liquid), 3, III	Flammable liquids, n.o.s., (Diesel Fuel, Combustible liquid)	Flammable liquids, n.o.s., (Diesel Fuel, Combustible liquid)
14.3. Transport hazard class(es)	DOT Hazard Class: 3 Sub Class: Not Applicable	IMDG: 3 Sub Class: Not Applicable	Air Class: 3 Sub Class: Not Applicable
14.4. Packing group	III	III	III
14.5. Environmental hazards			
IMDG	Marine Pollutant: Yes; (Fuels, diesel, No 2; Gasoil-unspecified)		
14.6. Special precautions for user	Not Applicable		

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Ethylbenzene

Naphthalene

Proposition 65 - Carcinogens (>0.0%):

Cumene

Ethylbenzene

Naphthalene

Proposition 65 - Developmental Toxins (>0.0%):

Toluene

Proposition 65 - Female Repro Toxins (>0.0%):

Toluene

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:



WARNING: This product can expose you to chemicals including [Cumene, Ethylbenzene , Naphthalene], which are known to the State of California to cause cancer, and [Toluene], which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16. Other information

Revision Date 02/12/2022

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

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Section 1 to 16

End of Document