Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **No. 2 Ultra Low Sulfur Diesel 15ppm Sulfur Max with 2-5% Biodiesel**

Synonyms

- No. 2 Diesel with Biodiesel B2 Blend 15 ppm Sulfur Max with Polar Plus; No. 2 Diesel with Biodiesel B5 Blend 15 ppm Sulfur Max; No. 2 Diesel with Biodiesel B5 Blend 15 ppm Sulfur Max with Polar Plus; Ultra Low Sulfur No. 2 Diesel with B2 Biodiesel; Ultra Low Sulfur No. 2 Diesel with B2 Biodiesel and Polar Plus; Ultra Low Sulfur No. 2 Diesel with B5 Biodiesel; Ultra Low Sulfur No. 2 Diesel with B5 Biodiesel and Polar Plus

SDS Number/Grade

- 0026NOR001

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

Recommended use

- Vehicle fuel

Details of the supplier of the safety data sheet

Manufacturer

- Northern Tier Energy

  301 St. Paul Park Road
  St. Paul Park, MN 55071
  United States
  www.ntenergy.com

Telephone (General)

- 651-459-9771

Emergency telephone number

Chemtrec

- 800-424-9300

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Flammable Liquids 3
  Aspiration 1
  Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
  Carcinogenicity 2
  Reproductive Toxicity 1B

Label elements

OSHA HCS 2012

DANGER

Hazard statements

- Flammable liquid and vapour
  May be fatal if swallowed and enters airways
  May cause drowsiness or dizziness
  Suspected of causing cancer.
  May damage fertility or the unborn child.

Precautionary statements

Prevention

- Obtain special instructions before use.
  Do not handle until all safety precautions have been read and understood.
  Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
  Keep container tightly closed.
  Ground and/or bond container and receiving equipment.
  Use explosion-proof electrical/ventilating/lighting/equipment.
  Use only non-sparking tools.
  Take precautionary measures against static discharge.
  Avoid breathing mists, vapours, and/or spray.
  Use only outdoors or in a well-ventilated area.
  Wear protective gloves, clothing , and eye/face protection , .

Response

- In case of fire: Use appropriate media for extinction.
  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
  Call a POISON CENTER or doctor/physician if you feel unwell.
  IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
  Do NOT induce vomiting.
  IF exposed or concerned: Get medical advice/attention.

Storage/Disposal

- Store in a well-ventilated place. Keep container tightly closed.
  Keep cool.
  Store locked up.
  Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS

Classification of the substance or mixture

WHMIS

- Combustible Liquids - B3
  Other Toxic Effects - D2A

Label elements

WHMIS

- Combustible Liquids - B3
  Other Toxic Effects - D2A

Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition					
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Fuels, diesel, No. 2	**CAS:**68476-34-6	95% TO 98%	NDA	**OSHA HCS 2012:** Flam. Liq. 3; STOT SE 3: Narc.; Asp. Tox. 1	NDA
Soybean oil, Me ester	**CAS:**67784-80-9	0% TO 5%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Fatty acids, tallow, methyl esters	**CAS:**61788-61-2	0% TO 5%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Biodiesel (Rapeseed derived)	**CAS:**73891-99-3	0% TO 5%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Biodiesel (Fatty Acid, Methyl Ester)	**CAS:**68937-84-8	0% TO 5%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Biodiesel (Canola derived)	**CAS:**129828-16-6	0% TO 5%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Naphthalene	**CAS:**91-20-3	0.01% TO 0.5%	Skin-Rabbit LD50 • >20 g/kg Ingestion/Oral-Rat LD50 • 490 mg/kg	**OSHA HCS 2012:** Flam. Sol. 2; Acute Tox. 4 (orl); Skin Irrit. 2; Muta. 2; Carc. 2; Repr. 2; STOT SE 3: Narc.; STOT RE 1 (Blood, Eyes, Orl, Inhl)	NDA
Xylene	**CAS:**1330-20-7	0.13266% TO 0.19899%	Ingestion/Oral-Rat LD50 • 4300 mg/kg Inhalation-Rat LC50 • 5000 ppm 4 Hour(s) Skin-Rabbit LD50 • >1700 mg/kg	**OSHA HCS 2012:** Flam. Liq. 3; Acute Tox. 4 (inhl); Skin Irrit. 2; Eye Irrit. 2; Repr. 1B (Inhl); STOT SE 3: Narc.; STOT SE 3: Resp. Irrit.	NDA
Ethylbenzene	**CAS:**100-41-4	0.03312% TO 0.04968%	Ingestion/Oral-Rat LD50 • 3500 mg/kg Inhalation-Rat LC50 • 55000 mg/m³ 2 Hour(s) Skin-Rabbit LD50 • >5000 mg/kg	**OSHA HCS 2012:** Exposure limits	NDA
Toluene	**CAS:**108-88-3	0.0018% TO 0.00243%	Ingestion/Oral-Rat LD50 • 636 mg/kg Inhalation-Rat LC50 • 49 g/m³ 4 Hour(s) Skin-Rabbit LD50 • 14100 µL/kg	**OSHA HCS 2012:** Exposure limits	NDA

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention if symptoms occur.

Skin
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. Wash skin with soap and water. If irritation develops and persists, get medical attention.

Eye
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion
- Do NOT induce vomiting. Obtain medical attention immediately if ingested.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- For small fires, Class B fire extinguishing media such as CO2, dry chemical, foam (AFFF/ATC) or water spray.
  For large fires, water spray, fog or foam (AFFF/ATC)

Unsuitable Extinguishing Media
- Avoid using straight water streams.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- 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.

Hazardous Combustion Products
- No data available

Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).
  Move containers from fire area if you can do it without risk.
  LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind

evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- 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 liquid spill for later disposal.
  LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use only in well ventilated areas. Avoid contact with heat and ignition sources. Do not use sparking tools. Take precautionary measures against static charges. All equipment used when handling the product must be grounded. Never siphon this product by mouth. Do not cut, drill, grind or weld on empty containers since they may contain explosive residues. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours and/or spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage

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

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
	Result	**ACGIH**	**NIOSH**	**OSHA**
Toluene (108-88-3)	Ceilings	Not established	Not established	300 ppm Ceiling
	TWAs	20 ppm TWA	100 ppm TWA; 375 mg/m3 TWA	200 ppm TWA
	STELs	Not established	150 ppm STEL; 560 mg/m3 STEL	Not established
Naphthalene (91-20-3)	TWAs	10 ppm TWA	10 ppm TWA; 50 mg/m3 TWA	10 ppm TWA; 50 mg/m3 TWA
	STELs	Not established	15 ppm STEL; 75 mg/m3 STEL	Not established
Ethylbenzene (100-41-4)	TWAs	20 ppm TWA	100 ppm TWA; 435 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA
	STELs	Not established	125 ppm STEL; 545 mg/m3 STEL	Not established
Xylene (1330-20-7)	TWAs	100 ppm TWA	Not established	100 ppm TWA; 435 mg/m3 TWA
	STELs	150 ppm STEL	Not established	Not established
Fuels, diesel, No. 2 (68476-34-6)	TWAs	100 mg/m3 TWA (inhalable fraction and vapor, as total hydrocarbons, listed under Diesel fuel)	Not established	Not established

Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other

engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof electrical/ventilating/lighting/equipment.

Personal Protective Equipment

Respiratory
- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face
- Wear safety goggles.

Skin/Body
- Wear appropriate gloves.

Environmental Exposure Controls
- Follow best practice for site management and disposal of waste. Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
NIOSH = National Institute of Occupational Safety and Health
OSHA = Occupational Safety and Health Administration
STEL = Short Term Exposure Limits are based on 15-minute exposures
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Clear to amber liquid.
Color	Clear to amber.	Odor	No data available
Odor Threshold	No data available		
General Properties			
Boiling Point	400 to 650 F(204.4444 to 343.3333 C)	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	= 0.8 Water=1	Water Solubility	Negligible < 0.1 %
Viscosity	No data available		
Volatility			
Vapor Pressure	1 to 10 mmHg (torr) @ 100 F (37.7778 C)	Vapor Density	4 to 5 Air=1
Evaporation Rate	No data available	VOC (Wt.)	10 %
VOC (Vol.)	10 %		
Flammability			
Flash Point	130 to 190 F(54.4444 to 87.7778 C)	UEL	5 %
LEL	0.7 %	Autoignition	637 F(336.1111 C)
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Excessive heat, sources of ignition and open flames.

Incompatible materials

- Strong oxidizers such as nitrates, perchlorates, chlorine, fluorine.

Hazardous decomposition products

- Combustion produces carbon monoxide, aldehydes, aromatic and other hydrocarbons.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Fuels, diesel, No. 2 (95% TO 98%)	68476-34-6	**Tumorigen / Carcinogen:** Skin-Mouse TDLo • 312 mL/kg 78 Week(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Skin and Appendages:Other*:**Tumors**
Naphthalene (0.01% TO 0.5%)	91-20-3	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 490 mg/kg; Ingestion/Oral-Mouse TDLo • 158 mg/kg; *Brain and Coverings*:**Other degenerative changes**; *Liver*:**Other changes**; *Biochemical:Metabolism (intermediary)*:**Lipids, including transport**; Inhalation-Human TCLo • 250 mg/m³; *Sense Organs and Special Senses:Eye*:**Lacrimation**; *Behavioral*:**Headache**; Skin-Rabbit LD50 • >20 g/kg; Unreported-Guinea Pig LD50 • 1200 mg/kg; *Behavioral*:**Somnolence (general depressed activity)**; **Irritation:** Skin-Rabbit • 0.05 mL 24 Hour(s) • Severe irritation; **Multi-dose Toxicity:** Ingestion/Oral-Rat TDLo • 500 mg/kg 10 Day(s)-Intermittent; *Behavioral*:**Sleep**; *Lungs, Thorax, or Respiration*:**Dyspnea**; Ingestion/Oral-Rat TDLo • 4500 mg/kg 10 Day(s)-Intermittent; *Brain and Coverings*:**Other degenerative changes**; **Mutagen:** Micronucleus test • Unreported Route-Human • Lymphocyte (Somatic cell) • 30 mg/L; **Reproductive:** Ingestion/Oral-Mouse TDLo • 2400 mg/kg (7-14D preg); *Reproductive Effects:Effects on Newborn*:**Live birth index**; *Reproductive Effects:Effects on Newborn*:**Viability index (e.g., # alive at day 4 per # born alive)**; Ingestion/Oral-Rat TDLo • 4500 mg/kg (6-15D preg); *Reproductive Effects:Effects on Embryo or Fetus*:**Fetotoxicity (except death, e.g., stunted fetus)**; *Reproductive Effects:Specific Developmental Abnormalities*:**Other developmental abnormalities**; **Tumorigen / Carcinogen:** Inhalation-Mouse TCLo • 30 ppm 6 Hour(s) 2 Year(s)-Intermittent; *Tumorigenic*:**Neoplastic by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Tumors**; Inhalation-Rat TCLo • 1575 mg/kg 105 Week(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Sense Organs and Special Senses:Olfaction*:**Tumors**; Inhalation-Rat TCLo • 60 ppm 6 Hour(s) 105 Week(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Sense Organs and Special Senses:Olfaction*:**Tumors**
Xylene (0.13266% TO 0.19899%)	1330-20-7	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 4300 mg/kg; *Liver*:**Other changes**; *Kidney, Ureter, and Bladder*:**Other changes**; Inhalation-Rat LC50 • 5000 ppm 4 Hour(s); Skin-Rabbit LD50 • >1700 mg/kg; **Reproductive:** Inhalation-Rabbit TCLo • 1 g/m³ 24 Hour(s)(7-20D preg); *Reproductive Effects:Effects on Fertility*:**Abortion**; Inhalation-Rat TCLo • 50 mg/m³ 6 Hour(s)(1-21D preg); *Reproductive Effects:Effects on Fertility*:**Post-implantation mortality**; *Reproductive Effects:Effects on Embryo or Fetus*:**Fetotoxicity (except death, e.g., stunted fetus)**; *Reproductive Effects:Specific Developmental Abnormalities*:**Craniofacial (including nose and tongue)**

GHS Properties	Classification
Respiratory sensitization	**OSHA HCS 2012** • No data available
Serious eye damage/Irritation	**OSHA HCS 2012** • No data available
Acute toxicity	**OSHA HCS 2012** • No data available
Aspiration Hazard	**OSHA HCS 2012** • Aspiration 1
Carcinogenicity	**OSHA HCS 2012** • Carcinogenicity 2

Skin corrosion/Irritation	**OSHA HCS 2012** • No data available
Skin sensitization	**OSHA HCS 2012** • No data available
STOT-RE	**OSHA HCS 2012** • No data available
STOT-SE	**OSHA HCS 2012** • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
Toxicity for Reproduction	**OSHA HCS 2012** • Toxic to Reproduction 1B
Germ Cell Mutagenicity	**OSHA HCS 2012** • No data available

Potential Health Effects

Inhalation

Acute (Immediate)
- May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death.

Chronic (Delayed)
- No data available.

Skin

Acute (Immediate)
- Prolonged and repeated liquid contact can cause defatting and drying of the skin and can lead to irritation and/or dermatitis.

Chronic (Delayed)
- No data available.

Eye

Acute (Immediate)
- Produces little or no irritation on direct contact with the eye.

Chronic (Delayed)
- No data available.

Ingestion

Acute (Immediate)
- Material may be aspirated into lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.

Chronic (Delayed)
- No data available.

Carcinogenic Effects
- Repeated and prolonged exposure may cause cancer.

Carcinogenic Effects			
	CAS	**IARC**	**NTP**
Naphthalene	91-20-3	Group 2B-Possible Carcinogen	Reasonably Anticipated to be Human Carcinogen
Ethylbenzene	100-41-4	Group 2B-Possible Carcinogen	Not Listed

Reproductive Effects
- Repeated and prolonged exposure may cause reproductive effects.

Key to abbreviations

LC = Lethal Concentration
LD = Lethal Dose
TC = Toxic Concentration
TD = Toxic Dose

Section 12 - Ecological Information

Toxicity

- Non-mandatory section - information about this substance not complied for this reason.

Persistence and degradability

- Non-mandatory section - information about this substance not complied for this reason.

Bioaccumulative potential

- Non-mandatory section - information about this substance not complied for this

reason.

Mobility in Soil

- Non-mandatory section - information about this substance not complied for this reason.

Other adverse effects

- Non-mandatory section - information about this substance not complied for this reason.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NA1993	Fuel oil (No. 2)	3	III	NDA
	UN1202	Fuel oil (No. 2)	3	III	NDA
TDG	UN1202	FUEL OIL	3	III	NDA

Special precautions for user
- None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications
- Acute, Chronic, Fire

Inventory				
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**TSCA**
Biodiesel (Canola derived)	129828-16-6	Yes	No	Yes
Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Yes	No	Yes
Biodiesel (Rapeseed derived)	73891-99-3	Yes	No	Yes
Ethylbenzene	100-41-4	Yes	No	Yes
Fatty acids, tallow, methyl esters	61788-61-2	Yes	No	Yes
Fuels, diesel, No. 2	68476-34-6	Yes	No	Yes
Naphthalene	91-20-3	Yes	No	Yes
Soybean oil, Me ester	67784-80-9	Yes	No	Yes

Toluene	108-88-3	Yes	No	Yes
Xylene	1330-20-7	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	B4, D2A
• Ethylbenzene	100-41-4	B2, D2A, D2B
• Toluene	108-88-3	B2, D2A, D2B
• Xylene	1330-20-7	B2, D2A, D2B
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	1 %
• Ethylbenzene	100-41-4	0.1 %
• Toluene	108-88-3	1 %
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	Priority Substance List 1 (substance not considered toxic)
• Xylene	1330-20-7	Priority Substance List 1 (substance not considered toxic)
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

United States

Labor

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed

• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

Environment

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	
• Ethylbenzene	100-41-4	(listed under Ethyl benzene)
• Toluene	108-88-3	
• Xylene	1330-20-7	(isomers and mixtures)
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	100 lb final RQ; 45.4 kg final RQ
• Ethylbenzene	100-41-4	1000 lb final RQ; 454 kg final RQ
• Toluene	108-88-3	1000 lb final RQ; 454 kg final RQ
• Xylene	1330-20-7	100 lb final RQ; 45.4 kg final RQ
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	Not Listed

• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	0.1 % de minimis concentration
• Ethylbenzene	100-41-4	0.1 % de minimis concentration
• Toluene	108-88-3	1.0 % de minimis concentration
• Xylene	1330-20-7	1.0 % de minimis concentration
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed

• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

United States - California

Environment

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	carcinogen, initial date 4/19/02
• Ethylbenzene	100-41-4	carcinogen, initial date 6/11/04
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

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

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	developmental toxicity, initial date 1/1/91
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	7000 µg/day MADL (level represents absorbed dose)
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	5.8 µg/day NSRL
• Ethylbenzene	100-41-4	54 µg/day NSRL (inhalation); 41 µg/day NSRL (oral)
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed

• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	female reproductive toxicity, initial date 8/7/09
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Fatty acids, tallow, methyl esters	61788-61-2	Not Listed
• Naphthalene	91-20-3	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Soybean oil, Me ester	67784-80-9	Not Listed
• Biodiesel (Rapeseed derived)	73891-99-3	Not Listed
• Biodiesel (Canola derived)	129828-16-6	Not Listed
• Biodiesel (Fatty Acid, Methyl Ester)	68937-84-8	Not Listed

Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 16 - Other Information

Revision Date
- 20/August/2015

Preparation Date
- 30/November/2010

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Key to abbreviations

NDA = No data available