ALLIANT POWER - LUBRIGUARD

SDS Number: Sample

Revision Date: 8/8/2018

1 PRODUCT AND COMPANY IDENTIFICATION

Vendor

Diesel Forward Inc.
6167 Pepsi Way
Windsor, WI 53598

Emergency: 1-800-424-9300 (Chemtrec)
Phone: 1-800-735-7358

Product Name: ALLIANT POWER - LUBRIGUARD
Revision Date: 8/8/2018
SDS Number: Sample
CAS Number: Blend
Product Code: 66601

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 4
Health, Specific target organ toxicity - Single exposure, 3
Health, Acute toxicity, 4 Dermal
Health, Acute toxicity, 4 Inhalation
Health, Acute toxicity, 4 Oral
Health, Carcinogenicity, 2
Health, Aspiration hazard, 1
Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Hazard Statements:

H227 - Combustible liquid
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H302 - Harmful if swallowed
H351 - Suspected of causing cancer
H304 - May be fatal if swallowed and enters airways
H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P273 - Avoid release to the environment.

P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+313 - IF exposed or concerned: Get medical advice/attention.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature. VAPOR MAY CAUSE FLASH FIRE

3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
64742-94-5	60-70%	Solvent naphtha, petroleum, heavy arom.
27247-96-7	20-30%	2-Ethylhexylnitrate
91-20-3	<10%	Naphthalene
67701-08-0	<10%	Fatty acids, C16-18 and C18-unsatd.
95-63-6	<2%	1,2,4-Trimethylbenzene
104-76-7	<1%	2-Ethylhexanol
63428-92-2	<0.1%	Oxyalkylated alkylphenolic resin
1330-20-7	<0.1%	Xylene
108-67-8	<0.1%	1,3,5-Trimethylbenzene

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
Eye Contact: Flush with water for several minutes. If effects occur, consult a physician.
Ingestion: Rinse mouth with water and drink 2-4 cups of water. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: 65 C (149 F)

Use dry powder, foam, or carbon dioxide fire extinguishers.

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature. Spray storage vessels with water to maintain temperature below 100 C (212 F).

VAPOR MAY CAUSE FLASH FIRE. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Decomposition products may include the following material: Carbon dioxide, Carbon monoxide, Nitrogen oxides

6 ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition - Heat, sparks, flame, and electricity
Contain spilled material.
Collect in suitable and properly labeled containers.
Pick up excess with inert absorbant material
Keep away from drains and ground water.

7 HANDLING AND STORAGE

Handling Precautions:

Avoid contact with eyes, skin, or clothing.
Keep away from sources of ignition.
Do not pressurize, cut, weld, braze, solder, drill, or grind containers.
Handle with care and avoid spillage on the floor (slippage).
Ground and bond containers when transferring material

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature.

Storage Requirements:

Keep away from sources of ignition.
Store in a tightly closed container

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:

Use of safety glasses and gloves is recommended.

Exposure Guidelines:

LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)
OSHA TWA: 500 ppm
1,2,4-TRIMETHYLBENZENE
ACGIH TWA: 25 ppm
NAPHTHALENE
OSHA TWA: 10 ppm, 50 mg/m^3
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)
OSHA TWA: 100 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber		
Physical State:	Liquid	**Odor:**	Hydrocarbon-like
Spec Grav./Density:	0.92 at 60 F (water=1)	**Solubility:**	Nil in water
Viscosity:	Not available	**Freezing/Melting Pt.:**	Not available
Boiling Point:	Not available	**Flash Point:**	65 C (149 F)
Flammability:	Not available	**Vapor Density:**	Not available
Partition Coefficient:	Not available	**Bulk Density:**	7.63 lbs/gal
Vapor Pressure:	Not available		
pH:	Not available		
Evap. Rate:	Not available		
Decomp Temp:	Not available		

10 STABILITY AND REACTIVITY

Chemical Stability:	Product is stable under normal conditions. Unstable at temperatures above 100 Deg C (212 Deg F)
Conditions to Avoid:	High temperatures above 50 C (122 F), sparks, and open flame.
Materials to Avoid:	Avoid strong oxidizing agents. May burn or react violently to flourine/oxygen mixtures.
Hazardous Decomposition:	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

11 TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis or an oil acne.
No component is listed as a mutagen or teratogen.

Acute Toxicity
Heavy aromatic solvent naphtha (petroleum)
LD50 Oral >5000 mg/kg, rats
LD50 Dermal >2000 mg/kg
LC50 Inhalation, Vapor, >4688 mg/m³, rats, 4 hours

2-Ethylhexylnitrate
LD50 Dermal >5000 mg/kg, rabbits
LD50 Oral >10000 mg/kg, rats

1,2,4-Trimethylbenzene
LD50 Dermal Rabbit 3160 mg/kg
LD50 Oral Rat 5000 mg/kg
LD50 Oral Rat 3400 to 6000 mg/kg
LC50 Inhalation, Vapor, Rat 18000 mg/m³ 4 hours

Naphthalene
LD50 Dermal Rat >2500 mg/kg
LD50 Oral Rat 2600 mg/kg
LC50 Inhalation, Gas, Rat >100 ppm 8 hours

1,3,5-Trimethylbenzene
LC50 Inhalation Vapor Rat 24000 mg/m³ 4 hours
LD50 Oral Rat >5000 mg/kg

Xylene
LC50 Inhalation Vapor Rat 5000 to 8500 ppm 4 hours
LD50 Dermal Rabbit >14100 mg/kg
LD50 Oral Rat - Male 3523 mg/kg
LD50 Oral Rat 4300 mg/kg

Sensitization None known.
Germ Cell Mutagenicity None known.
Carcinogenicity Naphthalene, IARC 2B
Reproductive toxicity None known.
Specific target organ systemic toxicity (repeated exposure) None known.
Aspiration hazard None known.

12 ECOLOGICAL INFORMATION

Avoid exposing to the environment, no specific aquatic data available.

13 DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, state/provincial, and national requirements
Do not flush to surface water or drains

14 TRANSPORT INFORMATION

NA1993, Combustible liquid, -, PGIII, (Contains Petroleum Naphtha, 2-Ethylhexylnitrate.)

This material is not regulated for US DOT transportation in containers less than 119 gallons.

IMDG & IATA: UN3082, Environmentally Hazardous Sustance, Liquid, n.o.s., (Petroleum Naphtha, 2-Ethylhexylnitrate), 9, III, Marine Pollutant.

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Solvent naphtha, petroleum, heavy arom. (64742-94-5) [60-70%] TSCA

Nitric acid, 2-ethylhexyl ester (27247-96-7) [20-30%] TSCA

RQ(100LBS), Naphthalene (91-20-3) [<10%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

Fatty acids, C16-18 and C18-unsatd. (67701-08-0) [<10%] TSCA

1,2,4-Trimethylbenzene (95-63-6) [<2%] MASS, NJHS, PA, SARA313, TSCA, TXAIR

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Regulatory CODE Descriptions
-----------------------------------------------------------------
RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
GADSL = Global Automotive Declarable Substance List (GADSL)
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List
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16 OTHER INFORMATION

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