



# Diesel Anti-Gel

## Safety Data Sheet

SafeWork Australia

Issue date: 06/11/2020

Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : Diesel Anti-Gel  
 Product code : 10865, 10866, 10867, 10868, 10986, 20865, 20866

#### 1.2. Recommended use and restrictions on use

Recommended use : Additive  
 Restrictions on use : No additional information available

#### 1.3. Details of the Supplier & Importer

##### Supplier

Lucas Oil Products, Inc  
 302 North Sheridan Street  
 Corona, California 92880-2067 - USA  
 T (951) 270-0154 - F (951) 270-1902  
[www.LucasOil.com](http://www.LucasOil.com)

##### Importer

Logan Distribution PTY LTD  
 25 Lambeck Drive,  
 Tullamarine, VIC 3043 - AUSTRALIA  
 T (3) 8579-1361 - F (3) 8579-1366  
[www.LucasOil.com.au](http://www.LucasOil.com.au)

#### 1.4. Emergency telephone number

Emergency number : ChemTel  
 1-800-255-3924 (USA, Canada, Puerto Rico, US V.I.)  
 +1-813-248-0585 (International)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS classification

Carcinogenicity, Category 2 H351 Suspected of causing cancer.  
 Aspiration hazard, Category 1 H304 May be fatal if swallowed and enters airways.  
 Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) :

Danger

Hazard statements (GHS) :

H304 - May be fatal if swallowed and enters airways.  
H351 - Suspected of causing cancer.

Precautionary statements (GHS) :

P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 - If swallowed: Immediately call a poison center or doctor.  
 P308+P313 - If exposed or concerned: Get medical advice/attention.  
 P331 - Do NOT induce vomiting.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	GHS classification
Distillates (petroleum), hydrotreated light naphthenic (DMSO <3%)	(CAS-No.) 64742-53-6	70 - 90	Asp. Tox. 1, H304

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Name	Product identifier	%	GHS classification
Solvent naphtha (petroleum), heavy arom.	(CAS-No.) 64742-94-5	10 - 20	Flam. Liq. 4, H227 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
1,2,4-trimethylbenzene	(CAS-No.) 95-63-6	0.1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Chronic 2, H411
Naphthalene	(CAS-No.) 91-20-3	1 - 2	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Xylene	(CAS-No.) 1330-20-7	0.1 - 1	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
mesitylene; 1,3,5-trimethylbenzene	(CAS-No.) 108-67-8	0.1 - 1	Flam. Liq. 3, H226 STOT SE 3, H335 Aquatic Chronic 2, H411
1,2,3-Trimethylbenzene	(CAS-No.) 526-73-8	0.1 - 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H336

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects : Suspected of causing cancer.
- Symptoms/effects after inhalation : Inhalation of vapours may cause respiratory irritation.
- Symptoms/effects after skin contact : Repeated or prolonged skin contact may cause dermatitis and defatting.
- Symptoms/effects after ingestion : Risk of aspiration pneumonia. May damage lungs if swallowed and aspirated. May be fatal if swallowed and enters airways.

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

- Fire hazard : Burning produces irritating, toxic and noxious fumes.

#### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

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Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all eye and skin contact and do not breathe vapour and mist.

##### 6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.2.

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Refer to section 8.2.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place.

Incompatible products : Strong oxidizers.

Incompatible materials : Sources of ignition. Direct sunlight.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Distillates (petroleum), hydrotreated light naphthenic (DMSO <3%) (64742-53-6)

###### USA - ACGIH - Occupational Exposure Limits

ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> oil mist
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##### Solvent naphtha (petroleum), heavy arom. (64742-94-5)

###### USA - ACGIH - Occupational Exposure Limits

ACGIH STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
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###### USA - OSHA - Occupational Exposure Limits

OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
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##### Xylene (1330-20-7)

###### USA - ACGIH - Occupational Exposure Limits

Local name	Xylene, mixed isomers (Dimethylbenzene)
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ACGIH TWA (mg/m <sup>3</sup> )	434 mg/m <sup>3</sup>
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ACGIH TWA (ppm)	100 ppm
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ACGIH STEL (mg/m <sup>3</sup> )	651 mg/m <sup>3</sup>
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ACGIH STEL (ppm)	150 ppm
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Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
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Regulatory reference	ACGIH 2020
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###### USA - ACGIH - Biological Exposure Indices

Local name	XYLENES (Technical or commercial grade)
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Biological Exposure Indices (BEI)	1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift
Regulatory reference	ACGIH 2020
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Xylenes (o-, m-, p-isomers)
OSHA PEL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	100 ppm
NIOSH REL (STEL) (mg/m <sup>3</sup> )	655 mg/m <sup>3</sup>
NIOSH REL (STEL) (ppm)	150 ppm

### 1,2,4-trimethylbenzene (95-63-6)

#### USA - ACGIH - Occupational Exposure Limits

ACGIH TWA (mg/m <sup>3</sup> )	123 mg/m <sup>3</sup>
ACGIH TWA (ppm)	25 ppm

#### USA - NIOSH - Occupational Exposure Limits

NIOSH REL (TWA) (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	25 ppm

### Naphthalene (91-20-3)

Australia TWA (ppm)	10
Australia TWA (mg/m <sup>3</sup> )	52
Australia STEL (ppm)	15
Australia STEL (mg/m <sup>3</sup> )	79

#### USA - ACGIH - Occupational Exposure Limits

Local name	Naphthalene
ACGIH TWA (mg/m <sup>3</sup> )	52 mg/m <sup>3</sup>
ACGIH TWA (ppm)	10 ppm
ACGIH STEL (mg/m <sup>3</sup> )	79 mg/m <sup>3</sup>
ACGIH STEL (ppm)	15 ppm
Remark (ACGIH)	TLV® Basis: URT irr; cararacts; hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2020

#### USA - ACGIH - Biological Exposure Indices

Local name	NAPHTALENE
Biological Exposure Indices (BEI)	Parameter: 1-Naphthol + 2-Naphthol (with hydrolysis) - Sampling time: End of shift - Notations: Nq, Ns
Regulatory reference	ACGIH 2020

#### USA - OSHA - Occupational Exposure Limits

Local name	Naphthalene
OSHA PEL (TWA) (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	10 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

#### USA - NIOSH - Occupational Exposure Limits

NIOSH REL (TWA) (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	10 ppm
NIOSH REL (STEL) (mg/m <sup>3</sup> )	75 mg/m <sup>3</sup>
NIOSH REL (STEL) (ppm)	15 ppm

### mesitylene; 1,3,5-trimethylbenzene (108-67-8)

#### USA - ACGIH - Occupational Exposure Limits

ACGIH TWA (mg/m <sup>3</sup> )	123 mg/m <sup>3</sup>
ACGIH TWA (ppm)	25 ppm

#### USA - NIOSH - Occupational Exposure Limits

NIOSH REL (TWA) (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	25 ppm

### 1,2,3-Trimethylbenzene (526-73-8)

#### USA - ACGIH - Occupational Exposure Limits

ACGIH TWA (mg/m <sup>3</sup> )	123 mg/m <sup>3</sup>
ACGIH TWA (ppm)	25 ppm

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USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA) (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	25 ppm

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Avoid creating mist or spray. Avoid splashing. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. Nitrile rubber gloves

#### Eye protection:

Chemical goggles or safety glasses

#### Respiratory protection:

None under normal use

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : amber
- Odour : mild
- Odour threshold : No data available
- pH : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : 114.4 °C
- Relative evaporation rate (butylacetate=1) : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : No data available
- Relative vapour density at 20 °C : No data available
- Relative density : 0.886
- Solubility : No data available
- Log Pow : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Viscosity, kinematic : 5.8 mm<sup>2</sup>/s @ 4 °C
- Viscosity, dynamic : No data available
- Explosive limits : No data available
- Explosive properties : No data available
- Oxidising properties : No data available

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong oxidizers.

#### 10.6. Hazardous decomposition products

hydrocarbons.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### Distillates (petroleum), hydrotreated light naphthenic (DMSO <3%) (64742-53-6)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.53 mg/l/4h

#### Solvent naphtha (petroleum), heavy arom. (64742-94-5)

LD50 oral rat	> 6000 mg/kg
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#### Xylene (1330-20-7)

LD50 oral rat	4300 mg/kg
LD50 dermal rat	1100 mg/kg
LC50 inhalation rat (ppm)	6247 ppm/4h
ATE (oral)	4300 mg/kg bodyweight
ATE (dermal)	1100 mg/kg bodyweight
ATE (gases)	6247 ppmv/4h
ATE (vapours)	11 mg/l/4h
ATE (dust,mist)	1.5 mg/l/4h

#### 1,2,4-trimethylbenzene (95-63-6)

LD50 oral rat	3415 mg/kg
LD50 dermal rat	3440 mg/kg
LC50 inhalation rat (ppm)	954 ppm
ATE (oral)	3415 mg/kg bodyweight
ATE (dermal)	3440 mg/kg bodyweight
ATE (gases)	4500 ppmv/4h
ATE (vapours)	11 mg/l/4h
ATE (dust,mist)	1.5 mg/l/4h

#### Naphthalene (91-20-3)

LD50 oral rat	490 mg/kg
LD50 dermal rabbit	20 g/kg
LC50 inhalation rat (mg/l)	> 340 mg/m <sup>3</sup> 1 hour
ATE (oral)	490 mg/kg bodyweight
ATE (dermal)	20000 mg/kg bodyweight

#### mesitylene; 1,3,5-trimethylbenzene (108-67-8)

LD50 oral rat	5000 mg/kg
LD50 dermal rat	> 4 ml/kg

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<b>mesitylene; 1,3,5-trimethylbenzene (108-67-8)</b>	
LC50 inhalation rat (mg/l)	24000 mg/m <sup>3</sup>
ATE (oral)	5000 mg/kg bodyweight
ATE (vapours)	24 mg/l/4h
ATE (dust,mist)	24 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.

<b>Xylene (1330-20-7)</b>	
IARC group	3 - Not classifiable

<b>Naphthalene (91-20-3)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

<b>Solvent naphtha (petroleum), heavy arom. (64742-94-5)</b>	
STOT-single exposure	May cause drowsiness or dizziness.

<b>Xylene (1330-20-7)</b>	
STOT-single exposure	May cause respiratory irritation.

<b>1,2,4-trimethylbenzene (95-63-6)</b>	
STOT-single exposure	May cause respiratory irritation.

<b>mesitylene; 1,3,5-trimethylbenzene (108-67-8)</b>	
STOT-single exposure	May cause respiratory irritation.

<b>1,2,3-Trimethylbenzene (526-73-8)</b>	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure	: Not classified
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<b>Distillates (petroleum), hydrotreated light naphthenic (DMSO &lt;3%) (64742-53-6)</b>	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight/day
NOAEL (subchronic, oral, animal/male, 90 days)	< 125 mg/kg bodyweight NOAEL for heavy paraffinic distillate aromatic extract could not be identified and is less than 125 mg/kg/day when administered orally.

<b>Xylene (1330-20-7)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard	: May be fatal if swallowed and enters airways.
Viscosity, kinematic	: 5.8 mm <sup>2</sup> /s @ 4 °C
Likely routes of exposure	: Inhalation. Skin and eye contact.
Symptoms/effects	: Suspected of causing cancer.
Symptoms/effects after inhalation	: Inhalation of vapours may cause respiratory irritation.
Symptoms/effects after skin contact	: Repeated or prolonged skin contact may cause dermatitis and defatting.
Symptoms/effects after ingestion	: Risk of aspiration pneumonia. May damage lungs if swallowed and aspirated. May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Solvent naphtha (petroleum), heavy arom. (64742-94-5)</b>	
LC50 fish 1	> 1 - 10 mg/l 96 h

<b>1,2,4-trimethylbenzene (95-63-6)</b>	
LC50 fish 1	7.72 mg/l

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<b>1,2,4-trimethylbenzene (95-63-6)</b>	
LC50 other aquatic organisms 1	3.6 mg/l
EC50 other aquatic organisms 1	2.356 mg/l
<b>Naphthalene (91-20-3)</b>	
LC50 fish 1	> 0.91 (0.91 – 2.82) mg/l <i>Oncornhynchus mykiss</i>
EC50 crustacea	≥ 1.96 mg/l
EC50 other aquatic organisms 1	33 mg/l
LC50 fish 2	> 1 (1 – 6.5) mg/l <i>Pimpephales promelas</i>
LOEC (acute)	3.2 mg/l
NOEC (acute)	1.8 mg/l
<b>mesitylene; 1,3,5-trimethylbenzene (108-67-8)</b>	
LC50 fish 1	12.52 mg/l
LC50 other aquatic organisms 1	6 mg/l
EC50 other aquatic organisms 1	25 mg/l

### 12.2. Persistence and degradability

<b>Diesel Anti-Gel</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>mesitylene; 1,3,5-trimethylbenzene (108-67-8)</b>	
Persistence and degradability	Not readily biodegradable.
Biodegradation	0 % O <sub>2</sub> consumption, 192h

### 12.3. Bioaccumulative potential

<b>Diesel Anti-Gel</b>	
Bioaccumulative potential	Not established.
<b>Naphthalene (91-20-3)</b>	
BCF fish 1	≥ 427 (427 – 1158)
<b>mesitylene; 1,3,5-trimethylbenzene (108-67-8)</b>	
BCF fish 1	23 – 382 concentration 150ppb
BCF fish 2	42 – 328 concentration 15ppb
Log Pow	3.42

### 12.4. Mobility in soil

<b>Diesel Anti-Gel</b>	
Ecology - soil	Not established.

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Sewage disposal recommendations : Do not dispose of waste into sewer.  
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

### ADG

Transport document description : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naphthalene, Alkyl phenol), 9, III  
UN-No. (TDG) : UN 3082  
Proper Shipping Name (Transportation of Dangerous Goods) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Primary Hazard Classes : 9 - Class 9 - Miscellaneous Products, Substances or Organisms  
Packing group : III - Minor Danger

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### Transport by sea

Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naphthalene, Alkyl phenol), 9, III, MARINE POLLUTANT
UN-No. (IMDG)	: 3082
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class (IMDG)	: 9 - Miscellaneous dangerous substances and articles
Packing group (IMDG)	: III - substances presenting low danger
Limited quantities (IMDG)	: 5 L

### Air transport

Transport document description (IATA)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naphthalene, Alkyl phenol), 9, III
UN-No. (IATA)	: 3082
Proper Shipping Name (IATA)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class (IATA)	: 9 - Miscellaneous Dangerous Goods
Packing group (IATA)	: III - Minor Danger

## SECTION 15: Regulatory information

### National regulations

#### Diesel Anti-Gel

All components are listed on the AICS (Australian Inventory of Chemical Substances).

#### Montreal Protocol

No additional information available

#### The Stockholm Convention

No additional information available

#### The Rotterdam Convention

No additional information available

#### Basel Convention

No additional information available

## SECTION 16: Other information

Data sources : ACGIH (American Conference of Government Industrial Hygienists). Canadian Centre for Occupational Health and Safety. Accessed at: [http://www.ccohs.ca/oshanswers/legisl/whmis\\_classifi.html](http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. WHMIS: The Workplace Hazardous Materials Information System: Canada's national hazard communication standard. Australia Worksafe "Preparation of Safety Data Sheets for Hazardous Chemicals".

Other information : None.

Full text of H-statements:

H226	Flammable liquid and vapour.
H227	Combustible liquid
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

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H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
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.

### Abbreviations and acronyms:

	ATE: Acute Toxicity Estimate
	CAS (Chemical Abstracts Service) number
	EC50: Environmental Concentration associated with a response by 50% of the test population.
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
	LD50: Lethal Dose for 50% of the test population
	STEL: Short Term Exposure Limits
	TWA: Time Weighted Average

**SDS Prepared by:** The Redstone Group, dba SafeBridge Consultants, Inc.  
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[www.redstonegrp.com](http://www.redstonegrp.com)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*