

# THROTTLE MUSCLE GDI SYNTHETIC FUEL CLEANER 16 FL.OZ.

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/06/2016

Supersedes:10/09/2015

Version: 1.2

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Substance  
Trade name : THROTTLE MUSCLE GDI SYNTHETIC FUEL CLEANER 16 FL.OZ.  
Product code : TM5284

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

Use of the substance/mixture : Fuel Enhancer

#### 1.3. Details of the supplier of the safety data sheet

Rev Your Cause LLC  
1440 Jason Way  
Unit 100-107  
Santa Maria, CA 93455  
T 805-925-2796

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

### SECTION 2: Hazards identification

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

##### GHS-US classification

Flam. Liq. 4 H227  
Carc. 1A H350  
Asp. Tox. 1 H304

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H227 - Combustible liquid  
H304 - May be fatal if swallowed and enters airways  
H350 - May cause cancer

Precautionary statements (GHS-US) :

P201 - Obtain special instructions  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking  
P280 - Wear protective gloves, protective clothing, eye protection, face protection  
P301+P310 - If swallowed: Immediately call a poison control center, doctor, physician,  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P331 - Do NOT induce vomiting  
P370+P378 - In case of fire: See Section 5.1 Extinguishing Media  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

#### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

#### 2.4. Unknown acute toxicity (GHS US)

No data available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substance

Name : TURBO 108 TURBO ENHANCER BLEND-73306

Name	Product identifier	%	GHS-US classification
Distillates (Petroleum), Hydrotreated Light	(CAS No) 64742-47-8	70 - 85	Asp. Tox. 1, H304

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Name	Product identifier	%	GHS-US classification
Distillates (Petroleum), Sweetened Middle	(CAS No) 64741-86-2	10.008 - 12.48498	Carc. 1A, H350
Polyether Amine	(CAS No) Confidential	7.506 - 9.98298	Flam. Liq. 4, H227
Naphtha, Heavy Aromatic	(CAS No) 64742-94-5	<= 2.52065	Carc. 1B, H350 Asp. Tox. 1, H304
2-Ethyl-1-Hexanol	(CAS No) 104-76-7	0.866 - 1.29467	Flam. Liq. 4, H227
Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N-[3-[[C13-rich C-11-14-isoalkyl]oxy]propyl] derivs	(CAS No) 223129-76-8	0.866 - 1.29467	Acute Tox. 4 (Oral), H302
2-Methylnaphthalene	(CAS No) 91-57-6	< 0.655369	Acute Tox. 4 (Oral), H302
1-Methylnaphthalene	(CAS No) 90-12-0	< 0.31508125	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302
Mesitylene	(CAS No) 108-67-8	0.02165 - 0.06495	Flam. Liq. 3, H226 STOT SE 3, H335 Aquatic Chronic 2, H411

Full text of H-phrases: see section 16

### 3.2. Mixture

Not applicable

The exact percentage is a trade secret.

## 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	: Allow victim to breathe fresh air. Allow the victim to rest.
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 persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation : May cause cancer by inhalation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. 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. Special hazards arising from the substance or mixture

Fire hazard	: Combustible liquid.
Explosion hazard	: May form flammable/explosive vapor-air mixture.

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

#### 6.1.1. For non-emergency personnel

Protective equipment	: Gloves. Safety glasses.
Emergency procedures	: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

- For containment : Dam up the liquid spill. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 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

- Additional hazards when processed : Handle empty containers with care because residual vapors are flammable. Keep away from heat, sparks, open flames, hot surfaces. - No smoking.
- 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 vapor. No open flames. No smoking. Obtain special instructions. Do not handle until all safety precautions have been read and understood.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Wash affected areas thoroughly after handling. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately.

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

- Technical measures : Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Keep in fireproof place.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

### 7.3. Specific end use(s)

Follow Label Directions.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

1-Methylnaphthalene (90-12-0)		
USA ACGIH	ACGIH TWA (ppm)	0.5 ppm (1-methylnaphthalene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
2-Methylnaphthalene (91-57-6)		
USA ACGIH	ACGIH TWA (ppm)	0.5 ppm (2-methylnaphthalene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
Naphtha, Heavy Aromatic (64742-94-5)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	25 mg/m <sup>3</sup> 1-METHYLNAPHTHALENE
USA ACGIH	ACGIH TWA (ppm)	0.5 ppm 1-METHYLNAPHTHALENE
Distillates (Petroleum), Hydrotreated Light (64742-47-8)		
USA ACGIH	ACGIH TWA (ppm)	200 ppm 8 Hours
Mesitylene (108-67-8)		
USA ACGIH	ACGIH TWA (ppm)	25 ppm (Trimethyl benzene (mixed isomers); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

### 8.2. Exposure controls

- Appropriate engineering controls : Local exhaust ventilation, vent hoods. Ensure good ventilation of the work station.
- Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.



- Materials for protective clothing : GIVE EXCELLENT RESISTANCE:
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Wear appropriate mask.

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Consumer exposure controls : Avoid contact during pregnancy/while nursing.  
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  
Appearance : Liquid.  
Color : Light yellow to brown.  
Odor : Kerosene . Amine-like.  
Odor threshold : No data available  
pH : No data available  
Relative evaporation rate (butyl acetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : > 100 °C  
Flash point : 86 °C  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapor pressure : No data available  
Relative vapor density at 20 °C : No data available  
Relative density : 0.82  
Solubility : Insoluble in water.  
Log Pow : No data available  
Log Kow : No data available  
Viscosity, kinematic : 3.62 cSt @ 40 deg C  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available  
Explosion limits : No data available

#### 9.2. Other information

VOC content : 1.8 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapor-air mixture.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide. May release flammable gases.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

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

ATE CLP (oral)	500.000 mg/kg body weight
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##### 1-Methylnaphthalene (90-12-0)

LD50 oral rat	1840 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit; Literature study)

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<b>2-Methylnaphthalene (91-57-6)</b>	
LD50 oral rat	1630 mg/kg (Rat)
<b>Naphtha, Heavy Aromatic (64742-94-5)</b>	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 5 mg/l/4h (Rat)
<b>Distillates (Petroleum), Hydrotreated Light (64742-47-8)</b>	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.28 mg/l/4h Based on lack of mortality and systemic effects
<b>2-Ethyl-1-Hexanol (104-76-7)</b>	
LD50 oral rat	3290 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 3000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	> 2600 mg/kg body weight (Rabbit; Experimental value; Equivalent or similar to OECD 402)
<b>Mesitylene (108-67-8)</b>	
LD50 oral rat	6000 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Read-across)
LD50 dermal rat	> 2000 mg/kg bw/day (Rat; Read-across; Equivalent or similar to OECD 402)
LC50 inhalation rat (mg/l)	24 mg/l/4h (Rat; Literature study)
<b>Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)</b>	
LD50 oral rat	1000 - 2000 mg/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: May cause cancer.
<b>Naphtha, Heavy Aromatic (64742-94-5)</b>	
IARC group	2B
National Toxicology Program (NTP) Status	3
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause cancer by inhalation.
<b>SECTION 12: Ecological information</b>	
<b>12.1. Toxicity</b>	
<b>1-Methylnaphthalene (90-12-0)</b>	
LC50 fish 1	8.4 mg/l (LC50; 48 h; Salmo fario)
EC50 Daphnia 1	1.848 mg/l (LC50; 48 h)
LC50 fish 2	9 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 2	1.2 mg/l (EC50; 48 h)
Threshold limit algae 1	1.71 - 5.12, EC50; 3 h
Threshold limit algae 2	1200 µg/l (EC50; 14 days)
<b>2-Methylnaphthalene (91-57-6)</b>	
LC50 fish 1	8 mg/l (LC50; 96 h)
<b>Naphtha, Heavy Aromatic (64742-94-5)</b>	
EC50 Daphnia 1	0.95 mg/l (EC50; 48 h)
LC50 fish 2	2.34 mg/l (LC50; 96 h; Oncorhynchus mykiss)
Threshold limit algae 2	2.5 mg/l (EC50; 72 h)
<b>2-Ethyl-1-Hexanol (104-76-7)</b>	
EC50 Daphnia 1	39 mg/l (EC50; EU Method C.2; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
LC50 fish 2	17.1 mg/l (LC50; EU Method C.1; 96 h; Leuciscus idus; Flow-through system; Fresh water; Experimental value)

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<b>Mesitylene (108-67-8)</b>	
EC50 Daphnia 1	6 mg/l (LC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 2	25 mg/l (EC50; DIN 38412-9; 48 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value)

### 12.2. Persistence and degradability

#### THROTTLE MUSCLE GDI SYNTHETIC FUEL CLEANER 16 FL.OZ.

Persistence and degradability	Not established.
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#### Naphthalene (91-20-3)

Persistence and degradability	May cause long-term adverse effects in the environment.
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#### Distillates (Petroleum), Sweetened Middle (64741-86-2)

Persistence and degradability	Not established.
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#### 1-Methylnaphthalene (90-12-0)

Persistence and degradability	Not readily biodegradable in water. Forming sediments in water.
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#### 2-Methylnaphthalene (91-57-6)

Persistence and degradability	Inherently biodegradable. Not readily biodegradable in water.
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#### Naphtha, Heavy Aromatic (64742-94-5)

Persistence and degradability	Not readily biodegradable in water.
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#### Polyether Amine (Confidential)

Persistence and degradability	Not established.
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#### Distillates (Petroleum), Hydrotreated Light (64742-47-8)

Persistence and degradability	Not established.
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#### 2-Ethyl-1-Hexanol (104-76-7)

Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.
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#### Mesitylene (108-67-8)

Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorption to soil is possible. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.0957 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	0.319 g O <sub>2</sub> /g substance
ThOD	3.19 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.03

#### Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

#### THROTTLE MUSCLE GDI SYNTHETIC FUEL CLEANER 16 FL.OZ.

Bioaccumulative potential	Not established.
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#### Naphthalene (91-20-3)

Bioaccumulative potential	Not established.
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#### Distillates (Petroleum), Sweetened Middle (64741-86-2)

Bioaccumulative potential	Not established.
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#### 1-Methylnaphthalene (90-12-0)

BCF fish 1	20 (BCF; 5 weeks)
BCF fish 2	113-2000,BCF; 1 - 2 weeks
Log Pow	3.87 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

#### 2-Methylnaphthalene (91-57-6)

BCF fish 1	407 (BCF; 624 h; Lepomis macrochirus)
BCF fish 2	190 (BCF; 840 h; Oncorhynchus kisutch)
Log Pow	3.86 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

#### Naphtha, Heavy Aromatic (64742-94-5)

Log Pow	2.9 - 6.1
Bioaccumulative potential	Bioaccumable.

#### Polyether Amine (Confidential)

Bioaccumulative potential	Not established.
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<b>Distillates (Petroleum), Hydrotreated Light (64742-47-8)</b>	
Bioaccumulative potential	Not established.
<b>2-Ethyl-1-Hexanol (104-76-7)</b>	
BCF other aquatic organisms 1	25.33 (BCF; BCFWIN)
Log Pow	2.9 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>Mesitylene (108-67-8)</b>	
BCF fish 2	161 (BCF)
Log Pow	3.42 - 4.13 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)</b>	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

<b>1-Methylnaphthalene (90-12-0)</b>	
Log Koc	Koc,2300
<b>2-Ethyl-1-Hexanol (104-76-7)</b>	
Surface tension	0.000047 N/m (20 °C; 0.81 g/l)
Log Koc	Koc,PCKOCWIN v1.66; 26.01; Calculated value
<b>Mesitylene (108-67-8)</b>	
Surface tension	0.028 N/m
Log Koc	log Koc,2.87; Calculated value
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): NA1993, Combustible liquid, n.o.s. (Petroleum Distillates, Polyether Amine), 3, III, Limited Quantity

ICAO/IATA (air): Not Regulated,

IMO/IMDG (water): Not Regulated,

Special Provisions: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672)  
T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)  
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)  
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / 1 + a (tr - tf)$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Combustible liquid, n.o.s. (Petroleum Distillates, Polyether Amine)

Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

DOT Symbols : D - Proper shipping name for domestic use only, or to and from Canada, G - Identifies PSN requiring a technical name

Packing group (DOT) : III - Minor Danger

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DOT Special Provisions (49 CFR 172.102)	: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672) T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2) T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241

### 14.3. Additional information

Other information : No supplementary information available.

### Overland transport

No additional information available

### Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel

### Air transport

DOT Quantity Limitations Passenger aircraft/rail : 60 L  
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 220 L  
CFR 175.75)

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

THROTTLE MUSCLE GDI SYNTHETIC FUEL CLEANER 16 FL.OZ.	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard Fire hazard
Naphthalene (91-20-3)	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard
Naphtha, Heavy Aromatic (64742-94-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	14 % Naphthalene (CAS 91-20-3)
Distillates (Petroleum), Hydrotreated Light (64742-47-8)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard

### 15.2. International regulations

#### CANADA

THROTTLE MUSCLE GDI SYNTHETIC FUEL CLEANER 16 FL.OZ.	
WHMIS Classification	Class B Division 3 - Combustible Liquid
Naphthalene (91-20-3)	
WHMIS Classification	Class B Division 4 - Flammable Solid Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects
Naphtha, Heavy Aromatic (64742-94-5)	
Distillates (Petroleum), Hydrotreated Light (64742-47-8)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria



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**Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)**

WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class E - Corrosive Material
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### EU-Regulations

**Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)**

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.2; R45

R52/53

Full text of R-phrases: see section 16

### 15.2.2. National regulations

#### Naphtha, Heavy Aromatic (64742-94-5)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Canadian NDSL (Non-Domestic Substances List)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

**Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)**

### 15.3. US State regulations

#### THROTTLE MUSCLE GDI SYNTHETIC FUEL CLEANER 16 FL.OZ.

U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

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

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
Yes	No	No	No	

#### Distillates (Petroleum), Sweetened Middle (64741-86-2)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

#### 1-Methylnaphthalene (90-12-0)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

#### 2-Methylnaphthalene (91-57-6)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

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Naphtha, Heavy Aromatic (64742-94-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
Yes	No	Yes	Yes	

Polyether Amine (Confidential)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

Distillates (Petroleum), Hydrotreated Light (64742-47-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

2-Ethyl-1-Hexanol (104-76-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

Mesitylene (108-67-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

Poly(oxy-1,2-ethanediyl),a,a'(iminodi-2,1-ethanediyl)bis[w-hydroxy-,N--[3-[(C13-rich C-11-14-isoalkyl)oxy]propyl] derivs (223129-76-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

Naphthalene (91-20-3)				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)				

Naphtha, Heavy Aromatic (64742-94-5)				
<b>State or local regulations</b>				
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Illinois Right to Know Louisiana Right to Know Michigan Right to Know Minnesota Right-to-Know New Jersey Right-to-Know U.S. - Pennsylvania - RTK (Right to Know) List Rhode Island Right to Know				

## SECTION 16: Other information

Indication of changes : Revision - See : \*

Other information : None.

Full text of H-phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H335	May cause respiratory irritation

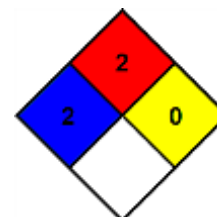
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H350	May cause cancer
H411	Toxic to aquatic life with long lasting effects

- NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- NFPA fire hazard : 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### HMIS III Rating

- Health : 2 Moderate Hazard - Temporary or minor injury may occur
- Flammability : 2 Moderate Hazard
- Physical : 0 Minimal Hazard
- Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

*The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product*

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