UNIVERSAL SYNTHETIC POWER STEERING FLUID 64 FL. OZ.

Safety Data Sheet

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

Date: 09/15/2022 Version: 1.0

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

1.1. Product identifier

Product form : Mixtures

Trade name : UNIVERSAL SYNTHETIC POWER STEERING FLUID 64 FL. OZ.

Product code : X704

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

Use of the substance/mixture : Power Steering Fluid

1.3. Details of the supplier of the safety data sheet

Petra Automotive Products, Inc.
11085 Regency Green Dr.
Cypress, TX 77429
T 713-856-5700

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

Classification (GHS-US)

Asp. Tox. 1 H304

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :

GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H304 - May be fatal if swallowed and enters airways

Precautionary statements (GHS-US) : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - If swallowed, do NOT induce vomiting
P405 - Store locked up
P501 - Dispose of contents/container to ...

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification (GHS-US)
distillates (petroleum), hydrotreated heavy paraffinic	(CAS No) 64742-54-7	0 - 88.93	Not classified
distillates (petroleum), hydrotreated light paraffinic	(CAS No) 64742-55-8	0 - 88.93	Not classified
LUBRIZOL 7720C	(CAS No) Proprietary	5 - 10	Not classified
Lubricant additive	(CAS No) Proprietary	< 1	Eye Irrit. 2A, H319
white mineral oil (petroleum)	(CAS No) 8042-47-5	0.06 - 0.12	Asp. Tox. 1, H304
lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	(CAS No) 72623-86-0	0.06 - 0.12	Not classified
PARAFFINUM LIQUIDUM	(CAS No) 8012-95-1	0.06 - 0.12	Not classified
2,6-di-tert-butylphenol	(CAS No) 128-39-2	0.0075 - 0.03675	Not classified
Tail gas (petroleum), saturate gas plant mixed stream, C4-rich	(CAS No) 68478-32-0	0.0075 - 0.03675	Not classified
dibutyl phosphonate	(CAS No) 1809-19-4	0.0075 - 0.03675	Acute Tox. 4 (Dermal), H312

Name	Product identifier	%	Classification (GHS-US)
Dye-Automate Yellow		< 1	Not classified
toluene	(CAS No) 108-88-3	0.00075 - 0.006776	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Petroleum Naphtha	(CAS No) 64742-47-8	< 1	Flam. Liq. 3, H226 Asp. Tox. 1, H304
xylene, mixture of isomers	(CAS No) 1330-20-7	0.00144 - 0.0026	Flam. Liq. 3, H226 Skin Irrit. 2, H315
C.I. Solvent Blue 98	(CAS No) 74499-36-8	0.00125 - 0.00135	Not classified
ethylbenzene	(CAS No) 100-41-4	0.0005 - 0.0006	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351
C.I. Solvent Yellow 175	(CAS No) Proprietary	0.0004 - 0.0006	Not classified
dipropylene glycol monomethyl ether	(CAS No) 34590-94-8	0.0001 - 0.00015	Flam. Liq. 4, H227

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 : Assure fresh air breathing. 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. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

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

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter 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

6.1.1. For non-emergency personnel

Protective equipment : Safety glasses. Gloves.

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.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill.

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

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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible products : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

xylene, mixture of isomers (1330-20-7)		
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA ACGIH	ACGIH STEL (ppm)	100 ppm

ethylbenzene (100-41-4)		
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH STEL (ppm)	20 ppm

dipropylene glycol monomethyl ether (34590-94-8)		
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA ACGIH	ACGIH STEL (ppm)	100 ppm

toluene (108-88-3)		
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH STEL (ppm)	20 ppm

white mineral oil (petroleum) (8042-47-5)		
USA ACGIH	ACGIH TWA (mg/m³)	5 mg/m³

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Respiratory protection : Wear respiratory protection.

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 : Green.

Odor : Petroleum-like odour.

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	:	No data available
Flash point	:	< 110 °C
Self 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	:	0.842
Solubility	:	Insoluble in water.
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	34.3 cSt @ 40C
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

xylene, mixture of isomers (1330-20-7)	
LD50 oral rat	3523 - 8600 mg/kg (3523 mg/kg bodyweight; >4000 mg/kg bodyweight; Rat; Rat; Rat; Experimental value; Experimental value)
LD50 dermal rabbit	> 4200.000000 mg/kg (Rabbit; Experimental value,Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	29 mg/l/4h (27.57 mg/l/4h; Rat; Rat; Experimental value; Experimental value,27.57 mg/l/4h; Rat; Rat; Experimental value; Experimental value)

ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg (Rat; Other; Experimental value,Rat; Other; Experimental value,Rat; Other; Experimental value)
LD50 dermal rabbit	15415 mg/kg (15432 mg/kg; Rabbit; Rabbit; Experimental value; Other,15432 mg/kg; Rabbit; Rabbit; Experimental value; Other)
LC50 inhalation rat (mg/l)	17.8 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	4000 ppm/4h (Rat)

dipropylene glycol monomethyl ether (34590-94-8)	
LD50 oral rat	5135 mg/kg (>5000 mg/kg; Rat; Rat; Experimental value)
LD50 dermal rat	9500 mg/kg (>19020 mg/kg bodyweight; Rat; Rat; Experimental value)

dipropylene glycol monomethyl ether (34590-94-8)	
LD50 dermal rabbit	9500 mg/kg (Rabbit)

C.I. Solvent Yellow 175 (Proprietary)	
LD50 oral rat	> 5000 mg/kg

2,6-di-tert-butylphenol (128-39-2)	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rat	> 1000 mg/kg (Rat)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit)

dibutyl phosphonate (1809-19-4)	
LD50 oral rat	3200 mg/kg (Rat)
LD50 dermal rabbit	1990 mg/kg (Rabbit)

toluene (108-88-3)	
LD50 oral rat	> 2000 mg/kg (5580 mg/kg bodyweight; Rat; Rat; Experimental value)
LD50 dermal rabbit	12223 mg/kg (>5000 mg/kg bodyweight; Rabbit; Rabbit; Experimental value; Other,>5000 mg/kg bodyweight; Rabbit; Rabbit; Experimental value; Other)
LC50 inhalation rat (mg/l)	> 20 mg/l/4h (Rat)

white mineral oil (petroleum) (8042-47-5)	
LD50 oral rat	> 5000 mg/kg (Rat; Experimental value,Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit; Experimental value,Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	> 5 mg/l/4h (Rat; Experimental value,Rat; Experimental value)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classifiedBased on available data, the classification criteria are not met

Carcinogenicity : Not classified

xylene, mixture of isomers (1330-20-7)	
IARC group	3

ethylbenzene (100-41-4)	
IARC group	2B

toluene (108-88-3)	
IARC group	3

white mineral oil (petroleum) (8042-47-5)	
IARC group	3

Reproductive toxicity : Not classifiedBased on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classifiedBased on available data, the classification criteria are not met

Aspiration hazard : May be fatal if swallowed and enters airways.Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

xylene, mixture of isomers (1330-20-7)	
LC50 fish 1	13.5 mg/l (96 h; Lepomis macrochirus; Lethal)
EC50 Daphnia 1	150 mg/l (24 h; Daphnia magna)
LC50 fish 2	3.77 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 2	7.4 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	72 mg/l (336 h; Selenastrum capricornutum; Growth)
Threshold limit algae 2	10 mg/l (72 h; Skeletonema costatum)

ethylbenzene (100-41-4)	
LC50 fish 1	9.09 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 1	77 mg/l (24 h; Daphnia magna)

ethylbenzene (100-41-4)	
EC50 other aquatic organisms 1	48 mg/l (72 h; Scenedesmus subspicatus)
LC50 fish 2	4.2 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 2	75 mg/l (48 h; Daphnia magna)
TLM fish 1	29 ppm (96 h; Lepomis macrochirus; Hard water)
TLM fish 2	42.3 mg/l (96 h; Pimephales promelas)
TLM other aquatic organisms 1	10 - 100,96 h
Threshold limit algae 1	> 160 mg/l (192 h; Scenedesmus quadricauda; Toxicity test)
Threshold limit algae 2	33 mg/l (192 h; Microcystis aeruginosa; Toxicity test)

dipropylene glycol monomethyl ether (34590-94-8)	
LC50 fish 1	> 10000 mg/l (96 h; Pimephales promelas; GLP)
LC50 other aquatic organisms 1	> 1000 mg/l (96 h; Crangon crangon)
LC50 fish 2	> 150 mg/l (72 h; Pisces)
Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h; Crangon crangon)
Threshold limit algae 1	969 mg/l (72 h; Selenastrum capricornutum; GLP)
Threshold limit algae 2	> 969 mg/l (72 h; Selenastrum capricornutum; GLP)

2,6-di-tert-butylphenol (128-39-2)	
EC50 Daphnia 1	0.45 mg/l (48 h; Daphnia magna; Flow-through system)

toluene (108-88-3)	
LC50 fish 1	24 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	84 mg/l (24 h; Daphnia magna; Locomotor effect)
LC50 fish 2	13 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 2	11.5 - 19.6 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	> 400 mg/l (168 h; Scenedesmus quadricauda; Toxicity test)
Threshold limit algae 2	105 mg/l (192 h; Microcystis aeruginosa)

white mineral oil (petroleum) (8042-47-5)	
LC50 fish 1	> 100 mg/l (96 h; Oncorhynchus mykiss; Nominal concentration)
Threshold limit algae 1	>= 100 mg/l (72 h; Pseudokirchneriella subcapitata; Growth rate)

LUBRIZOL 7720C (Proprietary)	
LC50 fish 1	100 - 1000 mg/l based on similar materials

12.2. Persistence and degradability

UNIVERSAL SYNTHETIC POWER STEERING FLUID 64 FL. OZ.	
Persistence and degradability	Not established.

Petroleum Naphtha (64742-47-8)	
Persistence and degradability	Not established.

xylene, mixture of isomers (1330-20-7)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photolysis in the air.

ethylbenzene (100-41-4)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical oxygen demand (BOD)	1.44 g O^2/g substance (20d.)
Chemical oxygen demand (COD)	2.1 g O^2/g substance
ThOD	3.17 g O^2/g substance
BOD (% of ThOD)	(20 day(s)) 45.4

dipropylene glycol monomethyl ether (34590-94-8)	
Persistence and degradability	Readily biodegradable in water. No (test)data on mobility of the substance available. Photolysis in the air.
Biochemical oxygen demand (BOD)	0 g O^2/g substance
ThOD	2.06 g O^2/g substance
BOD (% of ThOD)	0 % ThOD

distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	
Persistence and degradability	Not established.

2,6-di-tert-butylphenol (128-39-2)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water.
BOD (% of ThOD)	(5 day(s)) 0.077

Tail gas (petroleum), saturate gas plant mixed stream, C4-rich (68478-32-0)	
Persistence and degradability	Not established.

dibutyl phosphonate (1809-19-4)	
Persistence and degradability	Biodegradability in water: no data available. Photodegradation in the air.

toluene (108-88-3)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical oxygen demand (BOD)	2.15 g O^2/g substance
Chemical oxygen demand (COD)	2.52 g O^2/g substance
ThOD	3.13 g O^2/g substance
BOD (% of ThOD)	0.69 % ThOD

Dye-Automate Yellow	
Persistence and degradability	Not established.

white mineral oil (petroleum) (8042-47-5)	
Persistence and degradability	Not readily biodegradable in water. No (test)data on mobility of the substance available.

lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)	
Persistence and degradability	Not established.

PARAFFINUM LIQUIDUM (8012-95-1)	
Persistence and degradability	Not established.

Lubricant additive (Proprietary)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

UNIVERSAL SYNTHETIC POWER STEERING FLUID 64 FL. OZ.	
Bioaccumulative potential	Not established.

Petroleum Naphtha (64742-47-8)	
Bioaccumulative potential	Not established.

xylene, mixture of isomers (1330-20-7)	
BCF fish 1	15 8 weeks; Salmo gairdneri (Oncorhynchus mykiss)
BCF fish 2	7 - 26 (8 weeks; Oncorhynchus mykiss)
Log Pow	3.2 (20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

ethylbenzene (100-41-4)	
BCF fish 1	1 (6 weeks; Oncorhynchus kisutch)
BCF fish 2	15 - 79 (Carassius auratus)
BCF other aquatic organisms 1	4.68 (Lamellibranchiata)
Log Pow	3.15 (3.6; Experimental value; Experimental value; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

dipropylene glycol monomethyl ether (34590-94-8)	
Log Pow	0.0043 (Experimental value; 25 °C,Experimental valu e; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	
Bioaccumulative potential	Not established.

2,6-di-tert-butylphenol (128-39-2)	
BCF fish 1	660 (72 h; Leuciscus idus)
BCF other aquatic organisms 1	800 (24 h; Chlorella sp.)
Log Pow	4.92
Bioaccumulative potential	Not established.

Tail gas (petroleum), saturate gas plant mixed stream, C4-rich (68478-32-0)	
Bioaccumulative potential	Not established.

dibutyl phosphonate (1809-19-4)	
Log Pow	1.81 (Estimated value)
Bioaccumulative potential	Bioaccumable.

toluene (108-88-3)	
BCF fish 1	13.2 (Anguilla japonica)

toluene (108-88-3)	
BCF fish 2	90 (72 h; Leuciscus idus)
BCF other aquatic organisms 1	380 (24 h; Chlorella sp.; Fresh weight)
BCF other aquatic organisms 2	4.2 (Mytilus edulis; Fresh weight)
Log Pow	2.73 (Experimental value; Other; 20 °C,Experimental value; Other; 20 °C,Experimental value; Other; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Dye-Automate Yellow	
Bioaccumulative potential	Not established.

white mineral oil (petroleum) (8042-47-5)	
Bioaccumulative potential	No bioaccumulation data available.

lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)	
Bioaccumulative potential	Not established.

PARAFFINUM LIQUIDUM (8012-95-1)	
Bioaccumulative potential	Not established.

Lubricant additive (Proprietary)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

xylene, mixture of isomers (1330-20-7)	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

ethylbenzene (100-41-4)	
Surface tension	0.029 N/m

toluene (108-88-3)	
Surface tension	0.03 N/m (20 °C)

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 ...

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

US DOT (ground): Not regulated,

ICAO/IATA (air): Not regulated,

IMO/IMDG (water): Not regulated,

14.2. UN proper shipping name

DOT Proper Shipping Name : Not regulated

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

UNIVERSAL SYNTHETIC POWER STEERING FLUID 64 FL. OZ.	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not Listed

Petroleum Naphtha (64742-47-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Fire hazard Delayed (chronic) health hazard

xylene, mixture of isomers (1330-20-7)	
SARA Section 311/312 Hazard Classes	Fire hazard

toluene (108-88-3)	
Listed on SARA Section 313 (Specific toxic chemical listings) Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard

Lubricant additive (Proprietary)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

toluene (108-88-3)	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

Lubricant additive (Proprietary)
Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

toluene (108-88-3)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Lubricant additive (Proprietary)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)- EEC Directive 79/831, sixth Amendment of the directive 67/548 (dangerous substances).

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

Classification according to Directive 67/548/EEC or 1999/45/EC

Carc.Cat.2; R45

Full text of R-phrases: see section 16

15.2.2. National regulations

Lubricant additive (Proprietary)
Listed on the AICS (the Australian Inventory of Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. Listed on the Korean ECL (Existing Chemical List) inventory. Listed on New Zealand - Inventory of Chemicals (NZIoC)

15.3. US State regulations

Petroleum Naphtha (64742-47-8)
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

toluene (108-88-3)

toluene (108-88-3)
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

SECTION 16: Other information

Indication of changes : Revision - See : *.

Other information : None.

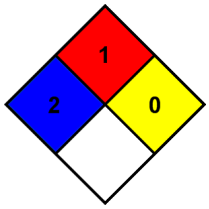
Full text of H-phrases: see section 16:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
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
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure

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 : 1 - Must be preheated 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 : 1 Slight Hazard

Physical : 0 Minimal Hazard

SDS US (GHS HazCom 2012) - Technical Chemical

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