



VISCOSITY TUTELA Gear Oil SAE 75W-90

Safety Data Sheet

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

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Version: 3.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : VISCOSITY TUTELA Gear Oil SAE 75W-90

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

Use of the substance/mixture : Lubricant
Restrictions on use : No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Viscosity Oil Company
600 H Joliet Road
Willowbrook, IL 60527
T 630-850-4000 - F 630-850-4022

Importer

Viscosity Oil Company
1918 Boul.Saint-Regis
Dorval, QC H9P 1H6 - Canada

1.4. Emergency telephone number

Emergency number : (800) 424-9300
CHEMTREC (24 HOURS)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS_US)

0.99% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	% (w/w)	GHS classification
Polysulfides, di-tert-Bu	(CAS-No.) 68937-96-2	≤ 5	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl	(CAS-No.) none	1 - <3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 2, H411
N-1-naphthylaniline	(CAS-No.) 90-30-2	0.3 - <1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

*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.
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.
First-aid measures after skin contact : Wash skin thoroughly with mild soap and water. If skin irritation or rash occurs: Get medical

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- advice/attention. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Get medical advice/attention.

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

- 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. Prolonged or repeated contact may cause skin to become dry or cracked.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry chemical. Foam. Water fog.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : No specific fire or explosion hazard. Burning produces irritating, toxic and noxious fumes.
- Reactivity : No dangerous reactions known.

5.3. Advice for firefighters

- Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. Fire-resistant protective 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 : Chemical goggles or safety glasses. Use neoprene or rubber gloves.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Chemical goggles or safety glasses. Use neoprene or rubber gloves.
- Emergency procedures : Stop leak if safe to do so. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Do not allow minor leaks or spills to accumulate on walking surfaces. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable container.

6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid all eye and skin contact and do not breathe vapour and mist.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Avoid static electricity discharges.
- Storage conditions : Keep container closed when not in use.
- Incompatible products : Strong oxidizers.
- Heat and ignition sources : Keep away from heat, sparks and flame.

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Prohibitions on mixed storage	: Incompatible materials.
Storage area	: Store in dry, cool, well-ventilated area.
Special rules on packaging	: All containers must be labelled to warn against exposure.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl (none)

Not applicable

Polysulfides, di-tert-Bu (68937-96-2)

Not applicable

N-1-naphthylaniline (90-30-2)

Not applicable

8.2. Exposure controls

Appropriate engineering controls	: Avoid splashing. Ensure good ventilation of the work station.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Use rubber gloves. nitrile rubber gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. Use an approved respirator equipped with oil/mist cartridges.
Environmental exposure controls	: Prevent leakage or spillage.
Other information	: Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: amber
Odour	: pungent
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 200 °C
Flash point	: 215 °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	: No data available
Density	: 0.883 g/cm ³ @ 20 °C
Solubility	: insoluble in water.
Log Pow	: > 3.5
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 14.5 – 15.5 mm ² /s @ 100 °C
Viscosity, dynamic	: ≤ 100000 mPa·s @ -40 °C
Explosive limits	: Lower explosive limit (LEL): 0.9 vol % Upper explosive limit (UEL): 7 vol %
Explosive properties	: No data available
Oxidising properties	: No data available

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9.2. Other information

No additional information available

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

Heat. Sparks.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates : Sulphur oxides. Carbon oxides (CO, CO₂). Aldehydes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure : Skin and eye contact; Inhalation

Acute toxicity : Not classified

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl (none)

ATE (oral)	500 mg/kg bodyweight
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N-1-naphthylaniline (90-30-2)

LD50 oral rat	1625 mg/kg
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ATE (oral)	1625 mg/kg bodyweight
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Skin corrosion/irritation : Not classified
(Not irritating to rabbits on cutaneous application)

Serious eye damage/irritation : Not classified.
(Not irritating to rabbits on ocular application)

Respiratory or skin sensitisation : Not classified.
(No sensitizing reaction was observed for guinea pigs. OECD 406)

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

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. Prolonged or repeated contact may cause skin to become dry or cracked.

SECTION 12: Ecological information

12.1. Toxicity

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl (none)

LC50 fish 1	24 mg/l 96 h
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EC50 crustacea	91.4 mg/l 48 h
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LC50 - Fish [2]	8.5 mg/l 96 h
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NOEC (chronic)	3.2 mg/l 4 d
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NOEC chronic crustacea	0.12 mg/l 21 d
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N-1-naphthylaniline (90-30-2)	
LC50 fish 1	0.44 mg/l 96 h
LC50 - Fish [2]	0.82 mg/l 96 h

12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.

N-1-naphthylaniline (90-30-2)	
Biodegradation	0 % 28 d

12.3. Bioaccumulative potential

VISCOSITY TUTELA Gear Oil SAE 75W-90	
Log Pow	> 3.5
Bioaccumulative potential	Not established.

N-1-naphthylaniline (90-30-2)	
Log Pow	4.28

12.4. Mobility in soil

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Ecology - soil	Not established.

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment 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. Disposal via incineration is recommended.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated.

Transportation of Dangerous Goods

Not regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl (none)

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

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Polysulfides, di-tert-Bu (68937-96-2)

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

N-1-naphthylaniline (90-30-2)

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

EU-Regulations

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl (none)

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

Polysulfides, di-tert-Bu (68937-96-2)

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

National regulations

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl (none)

Listed on the AICS (Australian Inventory of Chemical Substances)

Polysulfides, di-tert-Bu (68937-96-2)

Listed on the AICS (Australian Inventory of Chemical Substances)

15.3. US State regulations

⚠ WARNING: This product can expose you to Prop 65 (undisclosed chemical) - Cancer, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Prop 65 (undisclosed chemical) - Cancer()	X					

SECTION 16: Other information

Revision date : 12/04/2020

Data sources : European Chemicals Agency (ECHA) Registered Substances list. Accessed at <http://echa.europa.eu/>. 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. OSHA 29CFR 1910.1200 Hazard Communication Standard. The Organisation for Economic Co-operation and Development (OECD; eChemPortal chemical searches. Accessed at <http://www.echemportal.org/echemportal/substancesearch/substancesearchlink.action>. TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>. Canadian Centre for Occupational Health and Safety. Accessed at: http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html.

Other information : None.

Full text of H-statements:

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
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.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

	ACGIH (American Conference of Government Industrial Hygienists)
	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
	TSCA: Toxic Substances Control Act

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TWA: Time Weighted Average

NFPA health hazard

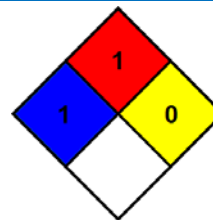
: 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard

: 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



Indication of changes:

Product identifier.

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.