NATIONAL Universal Full Synthetic CVT

Safety Data Sheet

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 10/23/2026 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Universal CVT

1.2. Other means of identification

Product code : 07-001095

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Continuously Variable Transmission Fluid
Restrictions on use : None known

1.4. Supplier's details

Manufacturer:
Pinnacle Oil Holdings, LLC.
8175 Allison Ave.
Indianapolis, IN 46268
T 1-317-875-9465
sds@pinnoil.com

Distributed by:
Pinnacle Oil Holdings, LLC.
8175 Allison Ave.
Indianapolis, IN 46268

1.5. Emergency phone number

Emergency number : For Hazardous Materials or Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night: 1-800-424-9300 (Toll Free, USA) / 703-527-3887 (Virginia, USA)
CCN 710885
Back-up Emergency Number: +1 703-741-5970 (Washington, DC)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. Label elements

GHS US labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	CAS-No.: 72623-86-0	1.72 – 85.36	Asp. Tox. 1, H304
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	CAS-No.: 72623-87-1	≤ 82.78	Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated light paraffinic	CAS-No.: 64742-55-8	2.58 – 4.3	Not classified
Distillates (petroleum), hydrotreated heavy paraffinic	CAS-No.: 64742-54-7	0.86 – 1.72	Not classified
Petroleum distillates, solvent dewaxed heavy	CAS-No.: 64742-65-0	0.86 – 1.72	Not classified
Distillates (petroleum), solvent-refined heavy	CAS-No.: 64741-88-4	0.172 – 0.516	Not classified
Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	CAS-No.: 80939-62-4	0.172 – 0.516	STOT RE 1, H372 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Methyl-1H-benzotriazole	CAS-No.: 29385-43-1	0.017 – 0.052	Acute Tox. 4 (Oral), H302 Repr. 2, H361 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Distillates (petroleum), hydrotreated light naphthenic	CAS-No.: 64742-53-6	0.009 – 0.012	Asp. Tox. 1, H304
2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.	CAS-No.: 92257-31-3	0.006 – 0.008	Aquatic Chronic 4, H413

Comments : The concentration ranges are provided due to batch-to-batch variability.

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

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : First Aid Provider: Pay attention to self protection. If medical advice is needed, have product container or label at hand. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/effects after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, alcohol-resistant foam or waterspray.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : Thermal decomposition generates: Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Move containers from fire area if it can be done without personal risk. Use extinguishing media appropriate for surrounding fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all personal contact including breathing in the mist, spray, vapours, Fume. Do not take actions involving personal risks. Absorb spillage to prevent material damage. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Evacuate unnecessary personnel. If outdoors, move to an area upwind of the danger area. If possible without taking personal risks, Remove ignition sources, ventilate area. Prevent other non-emergency personnel from entering the danger area.

For emergency responders

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Evacuate area. Stop leak if safe to do so. Eliminate ignition sources. Ventilate spillage area. Prevent runoff from entering drains, sewers or waterways.

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Contain with non-combustible inert absorbent.

Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Contaminated absorbent material may pose the same hazard as the spilled product. Decontaminate surfaces and equipment with water and detergent. Until a sufficient level of dilution is achieved, the decontamination water may pose the same hazards as the product. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 8: "Exposure controls/personal protection",For further information refer to section 13: "Disposal considerations".

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing fume, mist, spray, vapours. Avoid contact with eyes, skin and clothing.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in a cool, dry and well-ventilated area away from incompatible substances. Protect from sunlight. Keep away from heat.

Incompatible materials for storage : Oxidizing agents.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)	
USA - ACGIH® - Threshold Limit Values	
ACGIH® TLV® TWA	5 mg/m³ 8 hours. Form: Inhalable fraction
ACGIH® TLV® STEL	10 mg/m³ as oil mist in generated
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	5 mg/m³ 8 hours
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	5 mg/m³ 10 hours. Form: Mist
NIOSH REL STEL	10 mg/m³ 15 minutes. Form: Mist

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
USA - ACGIH® - Threshold Limit Values	
Local name	Mineral oil, excluding metal working fluids Pure, highly and severely refined
ACGIH® TLV® TWA	5 mg/m³ (I - Inhalable particulate matter)
Remark (ACGIH®)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2026

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Use general ventilation, local exhaust ventilation, or process enclosure to keep the airborne concentrations below the permissible exposure limits. 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. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment. Wear recommended personal protective equipment.

Hand protection:
Wear protective gloves.
Eye protection:
Wear eye protection
Skin and body protection:
Body protection should be chosen depending on activity and possible exposure. Wear suitable protective clothing
Respiratory protection:
No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear. Bright.
Colour	:	Red
Odour	:	Petroleum
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	:	200 °C / 392 °F Cleveland Open Cup (D92)
Flammability (solid, gas)	:	Non flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	0.84
Solubility	:	Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	> 30 mm²/s @ 40 °C / 104 °F ASTM D445
Explosive limits	:	No data available
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Incompatible materials. Keep away from heat. Protect from sunlight.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Carbon oxides (CO, CO2).

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

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

Distillates (petroleum), hydrotreated light naphthenic	
LD50 oral rat	> 5000 mg/kg bodyweight

2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.	
LD50 oral rat	> 5000 mg/kg bodyweight

Distillates (petroleum), hydrotreated light paraffinic	
LD50 oral rat	> 5000 mg/kg bodyweight

Distillates (petroleum), hydrotreated heavy paraffinic	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

Petroleum distillates, solvent dewaxed heavy	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 oral	5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg bodyweight

Petroleum distillates, solvent dewaxed heavy	
LC50 Inhalation - Rat	> 5.53 mg/l/4h
LC50 Inhalation - Rat (Dust/Mist)	2.18 mg/l

Distillates (petroleum), solvent-refined heavy	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 5530 mg/m³

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

Methyl-1H-benzotriazole	
LD50 oral rat	≈ 720 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.98 mg/l air

Distillates (petroleum), hydrotreated light naphthenic	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.98 mg/l air

Distillates (petroleum), hydrotreated light paraffinic	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.98 mg/l air

Distillates (petroleum), hydrotreated heavy paraffinic	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.98 mg/l air

Petroleum distillates, solvent dewaxed heavy	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.98 mg/l air

Distillates (petroleum), solvent-refined heavy	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.98 mg/l air

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	
LOAEL (oral, rat, 90 days)	10 mg/kg bodyweight
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Methyl-1H-benzotriazole	
NOAEL (oral, rat, 90 days)	≈ 150 mg/kg bodyweight

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.98 mg/l air

Aspiration hazard : Not classified

Universal CVT	
Viscosity, kinematic	> 30 mm²/s @ 40 °C / 104 °F ASTM D445

Symptoms/effects after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/effects after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

Distillates (petroleum), hydrotreated heavy paraffinic	
LC50 - Fish [1]	> 5000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l
EC50 96h - Algae [1]	> 1000 mg/l

Petroleum distillates, solvent dewaxed heavy	
LC50 - Fish [1]	> 5000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l
EC50 96h - Algae [1]	> 1000 mg/l

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	
EC50 - Crustacea [1]	> 1 mg/l
EC50 72h - Algae [1]	> 10 mg/l
EC50 72h - Algae [2]	7.1 mg/l
LOEC (chronic)	> 10 mg/l
NOEC (chronic)	> 10 mg/l

Methyl-1H-benzotriazole	
LC50 - Fish [1]	55 mg/l
EC50 - Other aquatic organisms [1]	15.8 mg/l
EC50 - Other aquatic organisms [2]	8.58 mg/l
EC50 72h - Algae [1]	53 mg/l
LOEC (chronic)	37.6 mg/l
NOEC (chronic)	18.4 mg/l

12.2. Persistence and degradability

Universal CVT	
Persistence and degradability	Not established.

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	
Persistence and degradability	Not rapidly degradable

Distillates (petroleum), hydrotreated light naphthenic	
Persistence and degradability	Not rapidly degradable

2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.	
Persistence and degradability	Not rapidly degradable

Distillates (petroleum), hydrotreated light paraffinic	
Persistence and degradability	Not rapidly degradable

Distillates (petroleum), hydrotreated heavy paraffinic	
Persistence and degradability	Not rapidly degradable

Petroleum distillates, solvent dewaxed heavy	
Persistence and degradability	Not rapidly degradable

Distillates (petroleum), solvent-refined heavy	
Persistence and degradability	Not rapidly degradable

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	
Persistence and degradability	Not rapidly degradable

Methyl-1H-benzotriazole	
Persistence and degradability	Not rapidly degradable

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.	
Partition coefficient n-octanol/water (Log Pow)	> 6.5

Distillates (petroleum), hydrotreated heavy paraffinic	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6

Petroleum distillates, solvent dewaxed heavy	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Do not re-use empty containers.
Ecological waste information : Avoid release to the environment.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
	Not regulated	
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)

Listed on the Canadian DSL (Domestic Substances List)

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

Listed on the Canadian DSL (Domestic Substances List)

2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs. (92257-31-3)

Listed on the Canadian DSL (Domestic Substances List)

Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)

Listed on the Canadian DSL (Domestic Substances List)

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

Petroleum distillates, solvent dewaxed heavy (64742-65-0)

Listed on the Canadian DSL (Domestic Substances List)

Distillates (petroleum), solvent-refined heavy (64741-88-4)

Listed on the Canadian DSL (Domestic Substances List)

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates (80939-62-4)

Listed on the Canadian DSL (Domestic Substances List)

Methyl-1H-benzotriazole (29385-43-1)

Listed on the Canadian DSL (Domestic Substances List)

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Petroleum distillates, solvent dewaxed heavy (64742-65-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Distillates (petroleum), solvent-refined heavy (64741-88-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Methyl-1H-benzotriazole (29385-43-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Distillates (petroleum), hydrotreated light naphthenic(64742-53-6)	U.S. - Massachusetts - Right To Know List
Distillates (petroleum), hydrotreated light paraffinic(64742-55-8)	U.S. - Massachusetts - Right To Know List

SECTION 16 Other Information

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 10/23/2026

Full text of hazard classes and H-statements	
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H361	Suspected of damaging fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

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.