

**Safety Data Sheet****SECTION 1: IDENTIFICATION****1.1. Product Identifier****Product Form:** Mixture**Product Name:** PureSYN CVT Transmission Fluid**Product Grades/Codes:**

PureSYN CVT Transmission Fluid – 1313512710 (Bulk), 1313512719 (300G Tote), 1313512721 (Tote), 1313512730 (Drum), 1313512763 (6 Gal Bulk Box)

**Synonyms:** CVT Transmission Fluid**1.2. Intended Use of the Product**

Continuously Variable Transmission (CVT) Fluid

**1.3. Company Identification**North American Lubricants Company  
7337 E. Doubletree Ranch Road, Suite 180  
Scottsdale, AZ 85258  
(800)430-6252  
[www.nalube.com](http://www.nalube.com)**1.4. Emergency Telephone Number****Emergency Number** : CHEMTREC: (800)424-9300 or (703)527-3887**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the Substance or Mixture****Classification (GHS-US)**

Aquatic Acute 2 H411

Full text of H-phrases: see section 1

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

## 2.2. Label Elements

### GHS-US Labeling

Hazard Pictograms (GHS-US) : None

Signal Word (GHS-US) : None

Hazard Statements (GHS-US) : None

Precautionary Statements (GHS-US) : **Prevention**

Do not handle until all safety precautions have been read and understood.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Do not allow the eyes to become exposed to the product. Do not swallow the  
 Wash hands thoroughly after handling.  
 Do not eat, drink or smoke when using this product.

### Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.

IF ON SKIN: Wash with plenty of soap and water.

### Storage

The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.

Containers that have been opened must be tightly sealed.

### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.

## 2.3. Other Hazards

None Noted

## 2.4. Unknown Acute Toxicity (GHS-US)

20.73 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic	(CAS No) 64742-54-7	80 - 90	Asp. Tox. 1, H304
Additive Mixture, Proprietary	(CAS No) unknown	< 20	Not Classified

\*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

\*More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

#### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** No known significant effects or critical hazards.

**Inhalation:** Overexposure may be irritating to the respiratory system.

**Skin Contact:** Repeated or prolonged skin contact may cause irritation.

**Eye Contact:** Direct contact with the eyes is likely irritating.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** No known significant effects or critical hazards.

#### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Mist of loaded liquid, dry chemicals, carbon dioxide, fire foam, and dry sand are effective.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### 5.2. Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Not flammable but will support combustion.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

#### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

**Firefighting Instructions:** Fight fire from windward direction while wearing protective equipment. Use water spray or fog for cooling exposed containers. Even after extinction, cool containers thoroughly with plenty of water.

**Protection During Firefighting:** Keep unauthorized persons off the site of occurrence of fire and the surroundings. Do not enter fire area without proper protective equipment, including respiratory protection. If contact with skin is expected, wear impervious protective equipment and gloves. Use air-breathing apparatus and protective clothing whenever necessary.

**Hazardous Combustion Products:** In some cases of fire, may release irritant gases. When burnt, may generate carbon monoxide and other toxic gases.

**Other Information:** Refer to Section 9 for flammability properties.

# Safety Data Sheet

SDS# 4020 Version 1.0

Effective Date 01/08/18

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

## Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

Do not touch or walk through spillage. Pay attention to the site of spillage, which is slippery.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Eliminate ignition sources. 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:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Keep away from any possible contact with sparks, open flames, and high-temperature materials, and do not allow release of vapor without justification. Use pumps or other proper equipment for taking out from containers. Do not siphon with your mouth using a tube. Do not drink. When mist is generated, use respiratory equipment to prevent inhalation of mist.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Preferably store locked up in a proper storage area. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Use spill-proof containers that are free of damage/corrosion. Keep container closed when not in use. Store tightly stopped after use to prevent possible contamination with dust and moisture. Avoid rough handling of containers such as falling, dropping, exposing to shock, and dragging. Wear protective gloves when opening containers to eliminate a risk of hand injury.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

CVT Transmission Fluid

# Safety Data Sheet

 SDS# 4020 Version 1.0  
 Effective Date 01/08/18

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

### 8.2. Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing. Take off contaminated clothing and wash thoroughly before reuse.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use. Wash hands thoroughly after handling.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Blue
Odor	: Slight Odor
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Pour Point-45(°C)
Boiling Point	: Not available
Flash Point	: 208(°C)Cleveland Open Cup
Auto-ignition Temperature	: 200—410(°C)
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: 1%
Upper Flammable Limit	: 7%
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available

**Safety Data Sheet**

SDS# 4020 Version 1.0

Effective Date 01/08/18

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<b>Solubility</b>	: Negligible
<b>Partition Coefficient: N-Octanol/Water</b>	: Not available
<b>Viscosity</b>	: Not available
<b>Viscosity, Kinematic</b>	: > 20.5(mm <sup>2</sup> /sec)(40°C)
<b>Explosive Properties</b>	: Product is not explosive
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	: Not expected to present an explosion hazard due to mechanical impact
<b>Explosion Data – Sensitivity to Static Discharge</b>	: Not expected to present an explosion hazard due to static discharge

**SECTION 10: STABILITY AND REACTIVITY**

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur. Keep away from any possible contact with strong oxidizing agents.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
- 10.5. Incompatible Materials:** Strong oxidizing agents. Use care to keep away from any possible contact with halogens, strong acids, alkalis, and acidifying substances.
- 10.6. Hazardous Decomposition Products:** When burnt, may release carbon monoxide and other gases.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on Toxicological Effects - Product****Acute Toxicity:** Not classified**LD50 and LC50 Data:** Not available**Skin Corrosion/Irritation:** Not classified**Eye Damage/Irritation:** Not classified**Respiratory or Skin Sensitization:** Not classified**Germ Cell Mutagenicity:** Not classified**Teratogenicity:** Not classified**Carcinogenicity:** Not classified**Specific Target Organ Toxicity (Repeated Exposure):** Not classified**Reproductive Toxicity:** Not classified**Specific Target Organ Toxicity (Single Exposure):** Not classified**Aspiration Hazard:** Not classified**Symptoms/Injuries After Inhalation:** Overexposure may be irritating to the respiratory system.**Symptoms/Injuries After Skin Contact:** Repeated or prolonged skin contact may cause irritation.**Symptoms/Injuries After Eye Contact:** Direct contact with the eyes is likely irritating.**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.**Chronic Symptoms:** Not Classified**11.2. Information on Toxicological Effects - Ingredient(s)****LD50 and LC50 Data:**

<b>Heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)</b>	
<b>LD50 Oral Rat</b>	> 5000 mg/kg
<b>LD50 Dermal Rat</b>	> 5000 mg/kg

**Safety Data Sheet****SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

Ecology - General: Toxic to aquatic life.

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

LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

**12.2. Persistence and Degradability**

Not available

**12.3. Bioaccumulative Potential**

Not available

**12.4. Mobility in Soil**

Not available

**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 empty into drains; dispose of this material and its container in a safe way. Do not empty into drains. Do not dispose of waste into sewer.**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations. Before disposal of used container, remove contents completely.**SECTION 14: TRANSPORT INFORMATION****14.1. In Accordance with DOT** Not regulated for transport**14.2. In Accordance with IMDG** Not regulated for transport**14.3. In Accordance with IATA** Not regulated for transport**14.4. In Accordance with TDG** Not regulated for transport**SECTION 15: REGULATORY INFORMATION****15.1. US Federal Regulations**

SARA Section 311/312 Hazard Classes

Delayed (chronic) health hazard

**15.2. US State Regulations****Paraffin oils (8012-95-1)**

U.S. - California - Right To Know List – Warning: This material may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm, and which may be subject to the warning requirements of California Proposition 65 (CA Health &amp; Safety Code Section 25249.5)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

**Safety Data Sheet****15.3. Canadian Regulations**

WHMIS Classification	Not Classified
<b>Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Revision Date** : 11/15/17  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
H273	Avoid release into the environment.
H304	May be fatal if swallowed and enters airways
H391	Collect Spillage
H411	Toxic to aquatic life with long lasting effects
H501	Dispose of contents/container in accordance with local, regional, national, and international

**Party Responsible for the Preparation of This Document**

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*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.*