

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29  
CFR 1910.1200**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : PURATECH Multi-Vehicle ATF CONVERTER 12 FL.OZ.  
Product code : 2010571081

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

Use of the substance/mixture : Automatic Transmission Fluid

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

NORTH AMERICAN LUBRICANTS  
7337 E DOUBLETREE RANCH RD  
SCOTTSDALE, AZ 85258-2172  
T 800-430-6252

**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)**

Not classified

**2.2. Label elements****GHS-US labeling**

Signal word (GHS-US) : Warning

**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**

Not applicable

**3.2. Mixture**

Name	Product identifier	%	Classification (GHS-US)
Ultra S 3	(CAS No) 64742-55-8	70 - 85	Not classified
White Mineral Oil (Petroleum)	(CAS No) 8042-47-5	0.456 - 0.912	Asp. Tox. 1, H304
Lubricating Oils (Petroleum), C15-30, Hydrotreated Neutral Oil-Based	(CAS No) 72623-86-0	0.456 - 0.912	Not classified
Paraffinum Liquidum	(CAS No) 8012-95-1	0.456 - 0.912	Not classified
Dibutyl Phosphonate	(CAS No) 1809-19-4	0.127 - 0.381	Acute Tox. 4 (Dermal), H312
Diphenylamine	(CAS No) 122-39-4	0.0254 - 0.2286	Not classified

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.

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

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

**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. 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.

**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.

**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.

Hygiene measures : 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**

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 materials : Sources of ignition. Direct sunlight.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Ultra S 3 (64742-55-8)**

USA ACGIH

 ACGIH TWA (mg/m<sup>3</sup>)

 5 mg/m<sup>3</sup> 8 HOUR MIST

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Diphenylamine (122-39-4)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Diphenylamine; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
White Mineral Oil (Petroleum) (8042-47-5)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (Mineral oil, pure, highly and severely refined; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction)
USA ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

## 8.2. Exposure controls

Appropriate engineering controls : Local exhaust ventilation, vent hoods.  
 Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.



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.  
 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 : Colourless to yellow.  
 Odor : Mild.  
 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 : No data available  
 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 : 0.855  
 Solubility : Insoluble in water.  
 Log Pow : No data available  
 Log Kow : No data available  
 Viscosity, kinematic : No data available  
 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 : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

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**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**

Toxic fume. . Carbon monoxide. Carbon dioxide.

**SECTION 11: Toxicological information**
**11.1. Information on toxicological effects**

Acute toxicity : Not classified

<b>Ultra S 3 (64742-55-8)</b>	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 5 g/kg
LC50 inhalation rat (mg/l)	> 5 mg/l

<b>Dibutyl Phosphonate (1809-19-4)</b>	
LD50 oral rat	3200 mg/kg (Rat)
LD50 dermal rabbit	1990 mg/kg (Rabbit)

<b>White Mineral Oil (Petroleum) (8042-47-5)</b>	
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)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

<b>White Mineral Oil (Petroleum) (8042-47-5)</b>	
IARC group	3

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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

**SECTION 12: Ecological information**
**12.1. Toxicity**

<b>Diphenylamine (122-39-4)</b>	
EC50 Daphnia 1	2.3 mg/l (EC50; 24 h)
LC50 fish 2	2.2 - 5.1 mg/l (LC50; 48 h)
Threshold limit algae 1	0.048 mg/l (EC50; 72 h)

<b>White Mineral Oil (Petroleum) (8042-47-5)</b>	
LC50 fish 1	> 100 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss; Static system; Fresh water; Experimental value)
EC50 Daphnia 1	> 100 mg/l (LC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 1	>= 100 mg/l (NOEL; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Weight of evidence)

**12.2. Persistence and degradability**

<b>PURATECH ATF CONVERTER 12 FL.OZ.</b>	
Persistence and degradability	Not established.

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<b>Ultra S 3 (64742-55-8)</b>	
Persistence and degradability	Not established.
<b>Dibutyl Phosphonate (1809-19-4)</b>	
Persistence and degradability	Biodegradability in water: no data available. Photodegradation in the air.
<b>Diphenylamine (122-39-4)</b>	
Persistence and degradability	Not readily biodegradable in water.
ThOD	2.39 g O <sub>2</sub> /g substance
<b>White Mineral Oil (Petroleum) (8042-47-5)</b>	
Persistence and degradability	Not readily biodegradable in water. Adsorbs into the soil.
<b>Lubricating Oils (Petroleum), C15-30, Hydrotreated Neutral Oil-Based (72623-86-0)</b>	
Persistence and degradability	Not established.
<b>Paraffinum Liquidum (8012-95-1)</b>	
Persistence and degradability	Not established.

## 12.3. Bioaccumulative potential

<b>PURATECH ATF CONVERTER 12 FL.OZ.</b>	
Bioaccumulative potential	Not established.
<b>Ultra S 3 (64742-55-8)</b>	
Bioaccumulative potential	Not established.
<b>Dibutyl Phosphonate (1809-19-4)</b>	
Log Pow	1.81 (Estimated value)
Bioaccumulative potential	Bioaccumable.
<b>Diphenylamine (122-39-4)</b>	
BCF fish 1	51 - 253 (BCF)
Log Pow	3.22 - 3.50
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>White Mineral Oil (Petroleum) (8042-47-5)</b>	
Log Pow	> 6 (Calculated)
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
<b>Lubricating Oils (Petroleum), C15-30, Hydrotreated Neutral Oil-Based (72623-86-0)</b>	
Bioaccumulative potential	Not established.
<b>Paraffinum Liquidum (8012-95-1)</b>	
Bioaccumulative potential	Not established.

## 12.4. Mobility in soil

<b>Diphenylamine (122-39-4)</b>	
Surface tension	0.03 N/m (60 °C)
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.  
 Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

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

 US DOT (ground): Not Regulated,  
 ICAO/IATA (air): Not Regulated,  
 IMO/IMDG (water): Not Regulated,

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

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**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**
**PURATECH ATF CONVERTER 12 FL.OZ.**

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
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**Ultra S 3 (64742-55-8)**

SARA Section 313 - Emission Reporting	None
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**White Mineral Oil (Petroleum) (8042-47-5)**

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

**15.2. International regulations**
**CANADA**
**White Mineral Oil (Petroleum) (8042-47-5)**

Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations**
**White Mineral Oil (Petroleum) (8042-47-5)**

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

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**
**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

Carc.Cat.2; R45

Full text of R-phrases: see section 16

**15.2.2. National regulations**

No additional information available

**15.3. US State regulations**
**PURATECH ATF CONVERTER 12 FL.OZ.**

U.S. - California - Proposition 65 - Carcinogens List	No
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U.S. - California - Proposition 65 - Developmental Toxicity	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
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**Ultra S 3 (64742-55-8)**

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	No significant risk level (NSRL)
No	No	No	No	

**Dibutyl Phosphonate (1809-19-4)**

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	No significant risk level (NSRL)
No	No	No	No	

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Diphenylamine (122-39-4)				
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	No significant risk level (NSRL)
No	No	No	No	
White Mineral Oil (Petroleum) (8042-47-5)				
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	No significant risk level (NSRL)
No	No	No	No	
Lubricating Oils (Petroleum), C15-30, Hydrotreated Neutral Oil-Based (72623-86-0)				
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	No significant risk level (NSRL)
No	No	No	No	
Paraffinum Liquidum (8012-95-1)				
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	No significant risk level (NSRL)
No	No	No	No	

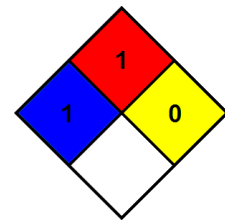
## SECTION 16: Other information

Other information : None.

Full text of H-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Asp. Tox. 1	Aspiration hazard Category 1
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment 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 : 1 Slight Hazard - Irritation or minor reversible injury possible  
 Flammability : 1 Slight 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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