



## SAFETY DATA SHEET

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

#### 1.1. Product identifier

**Product Name:** ALLIED UNIV HYD TRAN FLUID 5GL  
**Product Code:** AL25UN5G

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

**Recommended use:** Universal Tractor Fluid  
**Recommended restrictions:** Not applicable

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

**Manufacturer:** ALLIED OIL & TIRE COMPANY  
2209 S. 24th Street  
Omaha, NE 68108  
**Information Phone:** 402-344-4343  
**E-mail:** info@allied-oil.com

#### 1.4. Emergency telephone number

**Emergency phone number:** CHEMTREC: +1 (800) 424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified under GHS

#### 2.2. Label elements

#### 2.3. Other hazards

**Hazards not otherwise classified:** Avoid prolonged or repeated skin contact with used fluid.

**Unknown acute toxicity (GHS-US)**

### SECTION 3: Composition/information on ingredients

Chemical Name	%	CAS #	GHS Classification
Petroleum distillates, hydrotreated heavy paraffinic	90 - 99	64742-54-7	Acute Tox. 4; H332 Acute Tox. 3; H331
Benzene, polypropene derivatives, sulfonated, calcium salts	0.5 - 1.5	75975-85-8	Eye Irrit. 2; H319
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)-	0.5 - 1.5	4259-15-8	Eye Dam. 1; H318
C14-18 alpha-olefin epoxide, reaction products with boric acid	0.1 - 1		

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Inhalation** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

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## SECTION 4: First aid measures

<b>Eyes</b>	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
<b>Skin Contact</b>	Wash with soap and water. Remove contaminated clothing and laundry. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist.
<b>Ingestion</b>	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS.
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	
<b>Symptoms</b>	Not determined
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	
<b>Note to Doctor</b>	Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

## SECTION 5: Firefighting measures

<b>5.1. Extinguishing media</b>	
<b>Suitable and Unsuitable Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.
<b>5.2. Special hazards arising from the substance or mixture</b>	
<b>Fire and/or Explosion Hazards</b>	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
<b>5.3. Advice for firefighters</b>	
<b>Fire Fighting Methods and Protection</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
<b>Hazardous Combustion Products</b>	Carbon monoxide, Smoke, Carbon dioxide, Phosgene, Toxic fumes., Toxic gases

## SECTION 6: Accidental release measures

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>General Measures:</b>	No data available.
<b>6.2. Environmental precautions</b>	
Do not flush to sewer.	
Avoid runoff into storm sewers and ditches that lead to waterways.	
Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.	
Avoid runoff into storm sewers and ditches that lead to waterways.	
<b>6.3. Methods and material for containment and cleaning up</b>	
<b>Methods for cleaning up:</b> Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. {EMSFORM_06GHS_CLEAN}	
<b>6.4. Reference to other sections</b>	
Follow all protective equipment recommendations provided in Section 8.	

## SECTION 7: Handling and storage

<b>7.1. Precautions for safe handling</b>	
No special handling instructions due to toxicity.	
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	
Store in a cool dry place. Isolate from incompatible materials.	
<b>Incompatible materials</b>	
See Section 10.	
<b>7.3. Specific end use(s)</b>	
Universal Tractor Fluid	

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	OSHA PEL	5 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH STEL	10 mg/m <sup>3</sup>
None.	IDLH	
None.	OSHA PEL-Skin Notation	

## 8.2. Exposure controls

### Engineering Measures

Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

### Respiratory Protection

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

### Respirator Type(s)

None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

### Eye Protection

Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

### Skin Protection

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

### Gloves

Neoprene, Nitrile

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical State	Liquid
Color	Brown
Odor	Mild
Odor threshold	Not determined
pH	Not determined
Freezing point	Not determined
Boiling Point	Not determined
Flash Point	223
Flash Point Method	COC
Evaporation Rate	Not determined
Upper Flammable/Explosive Limit, % in air	= 10
Lower Flammable/Explosive Limit, % in air	= 1
Flammability (solid, gas)	Not applicable
Vapor pressure	<0.20
Vapor Density	Not determined
Relative Density	0.87
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity(°C)	56.88

### 9.2. Other information

Volatiles, % by weight	0.000000
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## SECTION 10: Stability and reactivity

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous	Hazardous polymerization will not occur.

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## SECTION 10: Stability and reactivity

### reactions

- 10.4. Conditions to avoid** Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation). Contamination. Contact with water (reacts with water).
- 10.5. Incompatible materials** Strong oxidizing agents, Moisture
- 10.6. Hazardous decomposition products** Carbon monoxide, Smoke, Carbon dioxide, Phosgene, Toxic fumes., Toxic gases

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

- Ingestion Toxicity** No hazard in normal industrial use. Estimated to be > 5.0 g/kg.
- Skin Contact** This material is likely to be moderately irritating to skin based on animal data. Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
- Absorption** Likely to be practically non-toxic based on animal data.
- Inhalation Toxicity** No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.
- Eye Contact** The material is likely to be moderately irritating to eyes based on animal data. Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
- Sensitization** Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.
- Mutagenicity** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
- Carcinogenicity** Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.
- Reproductive and Developmental Toxicity** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
- Specific target organ toxicity-Single exposure** Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.
- Specific target organ toxicity-Repeated exposure** Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.
- Aspiration toxicity** Non-hazardous under Aspiration category.
- Other information** No data available.

### Agents Classified by IARC Monographs

- |                |               |
|----------------|---------------|
| Benzene        | IARC Group 1  |
| Not applicable | IARC Group 2A |
| Vinyl acetate  | IARC Group 2B |
| Naphthalene    | IARC Group 2B |
| ethylbenzene   | IARC Group 2B |

### National Toxicity Program (NTP) Status

- |             |   |
|-------------|---|
| Benzene     | Known Human Carcinogen                          |
| Naphthalene | Reasonably Anticipated To Be A Human Carcinogen |

## SECTION 12: Ecological information

### 12.1. Toxicity

- Acute Aquatic ecotoxicity:** Non-hazardous under Aquatic Acute Environment category.
- Chronic Aquatic ecotoxicity:** Non-hazardous under Aquatic Chronic Environment category.

### 12.2. Persistence and degradability

Biodegrades slowly.

### 12.3. Bioaccumulative potential

Bioconcentration may occur.

### 12.4. Mobility in soil

This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

### 12.5. Results of PBT and vPvB assessment

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## SECTION 12: Ecological information

No data available.

### 12.6. Other adverse effects

Not determined

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal Methods

Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

#### Waste Disposal Code(s)

#### Waste Description for Spent Product

Spent or discarded material is non-hazardous according to environmental regulations.

#### Contaminated packaging:

Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

## SECTION 14: Transport information

**DOT Basic Description** Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

## SECTION 15: Regulatory information

### Chemical Inventories

**TSCA Status** All components of this material are on the US TSCA Inventory or are exempt.

**U.S. State Restrictions:** Not applicable

**WHMIS:** Uncontrolled product according to WHMIS classification criteria.

Chemical Name	Regulation	CAS #	%
None.	CERCLA		
Vinyl acetate	SARA 313	108-05-4	0.001- 0.01
Naphthalene	SARA 313	91-20-3	<10ppm
Toluene	SARA 313	108-88-3	<10ppm
Benzene	SARA 313	71-43-2	<10ppm
ethylbenzene	SARA 313	100-41-4	<10ppm
None.	SARA EHS		
None.	TSCA 12b		

### U.S. State Regulations

Chemical Name	Regulation	CAS #	%
Naphthalene	California Prop 65- Cancer	91-20-3	<10ppm
Benzene	California Prop 65- Cancer	71-43-2	<10ppm
ethylbenzene	California Prop 65- Cancer	100-41-4	<10ppm
Toluene	California Prop 65- Dev. Toxicity	108-88-3	<10ppm
Benzene	California Prop 65- Dev. Toxicity	71-43-2	<10ppm
None.	California Prop 65- Reprod -fem		
Benzene	California Prop 65- Reprod-male	71-43-2	<10ppm
None.	Massachusetts RTK List		

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Chemical Name	Regulation	CAS #	%
None.	New Jersey RTK List		
None.	Pennsylvania RTK List		
None.	Rhode Island RTK List		
None.	Minnesota Hazardous Substance List		

### HMIS Ratings:

Health: 0  
Fire: 1  
Reactivity: 0  
PPE: B

### NFPA Ratings:

Health: 0  
Fire: 1  
Reactivity: 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

## SECTION 16: Other information

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**References** ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CFR: Code of Federal Regulations

DOT: United States Department of Transportation

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

HMIS: Hazardous Materials Identification System

IARC: International Agency for Research on Cancer

IATA: International Air Transportation Association

IDLH: Immediately Dangerous to Life or Health

IMDG: International Maritime Dangerous Goods

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

RTK: Right-to-Know

SARA: Superfund Amendments and Reauthorization Act

STEL: Short-term Exposure Limit

TLV: Threshold limit value

TSCA: Toxic Substances Control Act

TWA: Time weighted average

UN: United Nations

WHMIS: Workplace Hazardous Materials Information System

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