

# Safety Data Sheet

**Product identifier used on the label: Allied Full Syn Multi ATF**

**Product Code: ALATF025**

**Revision Date: 02-23-2022**

**Replaces: 08-28-2021**

## 1. Identification

**Product identifier used on the label:** Allied Full Syn Multi ATF  
**Product Code:** ALATF025

**Other means of identification:**

**Synonyms:** No data available

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Automatic Transmission Fluid

**Restrictions on use:** Uses other than those described above

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:** Highline Warren LLC  
4500 Malone Road  
Memphis, TN 38118

**Phone number:** +01 (901) 437-8615

**E-mail address:** sds@highlinewarren.com

**Emergency phone number:** CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

## 2. Hazard(s) identification

**Classification of the chemical in accordance with paragraph (d) of §1910.1200:**

**GHS Hazard Symbols:**



**GHS Classification:** Skin Sensitizer Category 1

**Signal Word:** Warning

**Hazard Statements:** May cause an allergic skin reaction

**Precautionary Statements:**

**Prevention:** Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** If on skin: Wash with plenty of water. Specific treatment (see Sections 4 - 8 of Safety Data Sheet). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

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

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Hazards not otherwise classified: No data available

% unknown toxicity (Inhalation Dust): 54.371652 % of the mixture consists of ingredient(s) of unknown toxicity.

## 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Distillates, petroleum, solvent-dewaxed light paraffinic	No data available	64742-56-9	1 - 5
Petroleum distillates, hydrotreated light naphthenic	No data available	64742-53-6	1 - 5
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	No data available	EPA-ACC-17799	1 - 5
Long chain alkyl amine thiophosphate	No data available	ACC # 251617	0.5 - 1.5
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	No data available	72623-87-1	0.1 - 1
Long chain alkyl amine alkylene amine	No data available	64051-50-9	0.1 - 1

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

## 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
<b>Eye Contact:</b>	None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.
<b>Skin Contact:</b>	If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Sections 4 - 8 of Safety Data Sheet). Wash contaminated clothing before reuse.
<b>Ingestion:</b>	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

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**Most important symptoms/effects, acute and delayed:**

May cause an allergic skin reaction.

**Indication of immediate medical attention and special treatment needed, if necessary:**

Specific treatment (see Sections 4 - 8 of Safety Data Sheet).

## 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:**

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.

**Unsuitable extinguishing media:**

No data available

**Specific hazards arising from the chemical:**

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Hazardous combustion products:**

Carbon monoxide, Sulfur containing gases, Nitrogen containing gases, oxides of phosphorus, Hydrogen sulfide

**Special protective equipment and precautions for fire-fighters:**

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

**Methods and materials for containment and cleaning up:**

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.

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## 7. Handling and storage

**Precautions for safe handling:** Mildly irritating material. Avoid unnecessary exposure. Follow all protective equipment recommendations provided in Section 8.

**Conditions for safe storage, including any incompatibilities:**

**Safe storage conditions:** Store in a cool dry place. Isolate from incompatible materials.

**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents

## 8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH	US WEEL
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> STEL	No data available	No data available

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

**Individual protection measures, such as personal protective equipment:**

**Respiratory Protection:** Avoid breathing dust/fume/gas/mist/ vapors/spray.

**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 safety glasses when handling this product if there is a likelihood of contact with eyes.

**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

**General hygiene conditions:** Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face

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protection.

## 9. Physical and chemical properties

### Appearance (physical state, color etc.):

Physical state:	Liquid
Color:	Amber
Odor:	MildPetroleum
Odor Threshold:	Not determined
pH:	No data available
Melting point/freezing point:	
Melting Point:	No data available
Freezing point:	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point (°C):	220
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not established
Lower flammability or explosive limits:	Not established
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.85
Solubility(ies):	Negligible; 0-1%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	33.46

## 10. Stability and reactivity

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<b>Reactivity:</b>	There are no known reactivity hazards associated with this product.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None expected under standard conditions of storage.
<b>Conditions to avoid (e.g., static discharge, shock, or vibration):</b>	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).
<b>Incompatible materials:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	Carbon monoxide, Sulfur containing gases, Nitrogen containing gases, oxides of phosphorus, Hydrogen sulfide

## 11. Toxicological information

**Description of the various toxicological (health) effects and the available data used to identify those effects:**

<b>Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):</b>	Skin contact
<b>Symptoms related to the physical, chemical and toxicological characteristics:</b>	May cause an allergic skin reaction.

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

<b>Ingestion:</b>	No hazard in normal industrial use. Estimated to be > 5.0 g/kg.
<b>Skin Contact:</b>	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.
<b>Absorption:</b>	Estimated to be > 5.0 g/kg; practically non-toxic
<b>Inhalation:</b>	No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.
<b>Eye Contact:</b>	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.
<b>Sensitization:</b>	May cause an allergic skin reaction.
<b>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Carcinogenicity:</b>	Not expected to cause cancer. This product meets the IP-346 criteria of

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<3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

**Reproductive toxicity**

Not known or reported to cause reproductive or developmental toxicity.

**STOT-single exposure:**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure:**

Based on available data, the classification criteria are not met.

**Aspiration hazard:**

Based on available data, the classification criteria are not met.

**Other information:**

None known.

**Numerical measures of toxicity (such as acute toxicity estimates):**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.2 mg/L
Long chain alkyl amine alkylene amine	Oral LD50 Rat > 2000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	
Long chain alkyl amine thiophosphate		Dermal LD50 Rabbit > 2000 mg/kg	
Distillates, petroleum, solvent-dewaxed light paraffinic	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 5000 mg/kg	Inhalation LC50 (4h) Rat > 5399 MG/M3
Petroleum distillates, hydrotreated light naphthenic	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 2180 MG/M3

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer.			

**12. Ecological information**

**Ecotoxicity (aquatic and terrestrial, where available):**

Slight ecological hazard. In high concentrations, this product may be dangerous to plants and/or wildlife.

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## Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Long chain alkyl amine alkylene amine	64051-50-9	EC50 (48h) Daphnia magna 73.4 mg/L	Aquatic ERC50 (72h) Pseudokirchneriella subcapitata > 100 mg/L	LC50 (96h) Rainbow Trout > 100 mg/L
Long chain alkyl amine thiophosphate	ACC # 251617	No data available	Aquatic ERC50 (72h) Green Algae 22 mg/L	No data available
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Distillates, petroleum, solvent-dewaxed light paraffinic	64742-56-9	LC50 (48h) > 1000 mg/L	No data available	LC50 (96h) > 5000 mg/L

**Persistence and degradability:**

Biodegrades slowly.

**Bioaccumulative potential:**

Bioconcentration may occur.

**Mobility in soil:**

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

**Other adverse effects (such as hazardous to the ozone layer):**

None known.

### 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:**

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

**Contaminated packaging:**

Recycle containers whenever possible.

### 14. Transport information



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## Carriage of dangerous goods by road (DOT), rail or inland waterways:

DOT Basic Description: Not regulated by the US D.O.T.

## International carriage of dangerous goods by sea (IMDG/IMO):

UN number: Not regulated by IMDG

UN Proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group, if applicable: Not applicable

## International carriage of dangerous goods by air (IATA):

UN number: Not regulated by IATA

UN Proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group, if applicable: Not applicable

Environmental hazards (e.g., Marine pollutant (Yes/No)): None.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question:

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

### Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Amines, polyethylenepoly-, reaction products with succinic	EPA-ACC-17799	N	N	N	N

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anhydride polyisobutenyl derivs., borated					
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	N	N	N	N
Distillates, petroleum, solvent-dewaxed light paraffinic	64742-56-9	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	N	N	N	N
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	N	N	N	N
Long chain alkyl amine alkylene amine	64051-50-9	N	N	N	N

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	EPA-ACC-17799	N	N	N	N
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	N	N	N	N
Distillates, petroleum, solvent-dewaxed light paraffinic	64742-56-9	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	N	N	N	N
Lubricating oils (petroleum), C20-50, hydrotreated neutral	72623-87-1	N	N	N	N

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oil-based					
Long chain alkyl amine alkylene amine	64051-50-9	N	N	N	N

## California Prop 65

No ingredient(s) requiring a warning under California Prop 65.

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	EPA-ACC-17799	N	N	N	N	N
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	Y	N	N	N	N
Distillates, petroleum, solvent-dewaxed light paraffinic	64742-56-9	Y	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	N	N	N	N	N
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	N	N	N	N	N
Long chain alkyl amine alkylene amine	64051-50-9	N	N	N	N	N

## 16. Other information, including date of preparation or last revision.

SDS Prepared by:

DB\_HAZOX

Revision Date:

02-23-2022

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**Reason for revision:**

Activated by Document Formulation Generation

**References:**

No data available

**Other Info:**

No data available

**Disclaimer:**

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