



# Safety Data Sheet

**Product identifier used on the label:** 100% SYNTHETIC HEAVY DUTY ATF

**Number:** DRSYNHDATAF

**Revision Date:** 02-12-2019

## 1. Identification

**Product identifier used on the label:** Duragard®100% SYNTHETIC HEAVY DUTY ATF  
**Stock Number:** DURSYNHDATAF

**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:** h111

**Name, address, and telephone number of the chemical manufacturer, distributor, importer, or other responsible party:**

**Advantage Dist. & Lubricants, LLC**  
Arlington, Virginia  
United States of America  
www.advantagelubes.com

**Phone number:** +01 (800) 420-1414 +01 (507) 289-5555

**E-mail address:** info@advantagelubes.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 Sensitisation 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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**Replaces:**

**Hazards not otherwise classified:** No data available

**% unknown toxicity (Oral):** 16.999762 % of the mixture consists of ingredient(s) of unknown toxicity.

**% unknown toxicity (Inhalation Gas):** 98.134843 % of the mixture consists of ingredient(s) of unknown toxicity.

**% unknown toxicity (Inhalation Dust):** 98.134843 % of the mixture consists of ingredient(s) of unknown toxicity.

### 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Petroleum distillates, solvent dewaxed heavy paraffinic	No data available	64742-65-0	1 - 5
Long chain alkyl amine thiophosphate	No data available	ACC # 251617	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:

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

**Eye Contact:** Use eye wash to remove a chemical from the eye. Flush the affected eye for at least fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention if irritation persists.

**Skin Contact:** If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Ingestion:** Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

**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

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## 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:** No data available

**Hazardous combustion products:** Carbon monoxide, Sulfur containing gases, Nitrogen containing gases, Aldehydes, oxides of phosphorus, Hydrogen sulfide, Smoke

**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:** No health affects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

**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.

## 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

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## 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
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	No data available
Petroleum distillates, solvent dewaxed heavy paraffinic	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	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:** No special requirements under normal industrial use.

**Skin protection:** Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. 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 protection.

## 9. Physical and chemical properties

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

**Physical state:** Liquid

**Color:** Red

**Odor:** Mild

**Odor Threshold:** Not determined

**pH:** No data available

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## Melting point/freezing point:

**Melting Point:** No data available

**Freezing point:** No data available

**Flash Point (°C):** 221

**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:** 0.84

**Solubility(ies):** Negligible; 0-1%

**Partition coefficient: n-octanol/water:** No data available

**Auto-ignition temperature:** No data available

**Decomposition Temperature:** Not determined

**Viscosity:** 31.93

## 10. Stability and reactivity

**Reactivity:** There are no known reactivity hazards associated with this product.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** None expected under standard conditions of storage.

**Conditions to avoid (e.g., static discharge, shock, or vibration):** 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).

**Incompatible materials:** Strong oxidizing agents

**Hazardous decomposition products:** Carbon monoxide, Sulfur containing gases, Nitrogen containing gases, Aldehydes, oxides of phosphorus, Hydrogen sulfide, Smoke

## 11. Toxicological information

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

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**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):**

Skin contact

**Symptoms related to the physical, chemical and toxicological characteristics:**

May cause an allergic skin reaction

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

**Ingestion:**

No hazard in normal industrial use. Likely to be practically non-toxic by ingestion based on animal data.

**Skin Contact:**

This material is likely to be slightly irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis.

**Absorption:**

Likely to be practically non-toxic based on animal data.

**Inhalation:**

Likely to be practically non-toxic based on animal data.

**Eye Contact:**

This material is likely to be non-irritating to eyes based on animal data.

**Sensitization:**

May cause an allergic skin reaction

**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.

**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
Long chain alkyl amine thiophosphate		Dermal LD50 Rabbit > 2000 mg/kg	
Petroleum distillates, solvent dewaxed heavy paraffinic	Oral LD50 Rat > 15000 mg/kg	Dermal LD50 Rabbit > 5000 mg/kg	Inhalation LC50 (4h) Rat = 2.18 mg/L

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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):**

Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

**Ecological Toxicity Data:**

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Long chain alkyl amine thiophosphate	ACC # 251617	No data available	22	No data available
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	Aquatic LC50 (48h) > 1000 mg/L	No data available	Aquatic LC50 (96h) Rainbow Trout > 5000 mg/L
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Aquatic LC50 (48h) > 1000 mg/L	No data available	Aquatic LC50 (96h) Rainbow Trout > 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.

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## 14. Transport information

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

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

### 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 US TSCA Inventory or are exempt.



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**Regulated Components:**

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	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
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	N	N	N	N

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	N	N	N	N	N

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<b>16. Other information, including date of preparation or last revision.</b>
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<b>SDS Prepared by:</b>	TPRUETT
<b>Revision Date:</b>	02-12-2019
<b>Revision Number:</b>	29
<b>Reason for revision:</b>	NEW VERSION
<b>References:</b>	No data available
<b>Other Info:</b>	No data available

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