



Safety Data Sheet

Product identifier used on the label: DURAMAX TYPE F ATF

Product Code: 95039000F00

Revision Date: 04-27-2018

Replaces: 10-04-2017

DuraMAX TYPE F ATF

1. Identification

Product identifier used on the label:

DURAMAX TYPE F ATF

Product Code:

95039000F00

SDS #:

446

Other means of identification:

No data available

Synonyms:

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:

RelaDyne, LLC
8280 Montgomery Road, Suite 101
Cincinnati, OH 45236
www.reladyne.com

Phone number:

888-830-3156

Emergency phone number:

INFOTRAC 800-535-5053

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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Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Petroleum distillates, solvent-refined heavy paraffinic	No data available	64741-88-4	1 - 5

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

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
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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, Smoke

Special protective equipment and precautions for fire-fighters:

No data available

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:

No special handling instructions due to toxicity. No data available

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
Petroleum distillates, solvent-refined heavy	5 mg/m ³	5 mg/m ³	10 mg/m ³	No data available

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paraffinic				
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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

Melting point/freezing point:

Melting Point: No data available

Freezing point: No data available

Initial boiling point and boiling range (°C): 150

Flash Point (°C): 207

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive

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limits:

Upper flammability or explosive limits: = 10

Lower flammability or explosive limits: = 1

Vapor pressure: No data available

Vapor density: No data available

Relative density: 0.86

Solubility(ies): Insoluble

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

Auto-ignition temperature: No data available

Decomposition Temperature: Not determined

Viscosity: 38.11

Volatile organic compound (VOC) 0.000000

content and percentage of volatiles:

10. Stability and reactivity

Reactivity:

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 oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present., Carbon monoxide, Smoke

11. Toxicological information

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

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

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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 Toxicity:

Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

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 Toxicity:

Harmful! Can cause systemic damage (see "Target Organs"). 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:

No data available

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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, solvent-refined heavy paraffinic	OLD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 2.18 mg/L

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			

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that are known or reported
to cause cancer.

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	> 1000 mg/L	No data available	> 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): No data available

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

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):

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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.

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-refined heavy paraffinic	64741-88-4	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N

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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-refined heavy paraffinic	64741-88-4	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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-refined heavy paraffinic	64741-88-4	N	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N	N

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

SDS Prepared by: RelaDyne, LLC
Revision Date: 04-27-2018
Revision Number: 54
Reason for revision: NEW VERSION
References: No data available
Other Info: No data available

Disclaimer: This Safety Data Sheet is prepared according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012. The information is based on our current knowledge and is intended to

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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.