



Safety Data Sheet

Issue Date: 20-Oct-2012

Revision Date: 17-Nov-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Coastal ATF+4® Automatic Transmission Fluid

Other means of identification

SDS # WUI-017

Synonyms

Recommended use of the chemical and restrictions on use

Recommended Use A shear stable automatic transmission and power steering fluid meeting Chrysler specification MS-9602.

Details of the supplier of the safety data sheet

Supplier Address

Warren Oil Company, LLC
915 E. Jefferson Ave.
West Memphis, AR 72301

Emergency Telephone Number

Company Phone Number 1-870-400-3020
Emergency Telephone (24 hr) CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Appearance Viscous liquid

Color Red

Odor Mild petroleum oil like

GHS Classification

Not a hazardous substance or mixture.

GHS Label Element

Not a hazardous substance or mixture.

Potential Health Effects

Primary Routes of Entry: Eye Contact; Ingestion; Inhalation and Skin Contact

Aggravated Medical Condition

None known.

Carcinogenicity:

IARC – No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH - No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA – No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP – No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture: Mixture

Chemical Name	CAS No	Concentration (%)
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	30 – 50 %
Mineral oil		1 – 5 %
1-(tert-dodecylthio) propan-2-ol	67124-09-8	0.1 – 1 %
Benzene, polypropene derivatives, sulfonated, calcium salts		0.1 – 1 %

4. FIRST-AID MEASURES

- If inhaled** Move to fresh air. Artificial respiration and/or oxygen may be necessary. Seek medical advice.
- In case of skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Wash skin thoroughly with soap and water or use recognized skin cleanser.
Wash clothing before reuse.
Seek medical advice.
- In case of eye contact** Remove contact lenses.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Obtain medical attention
- If swallowed** Rinse mouth with water.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
Never give anything by mouth to an unconscious person.
Seek medical advice.
- Most important symptoms and effects, both acute and delayed** First aider needs to protect himself.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available.

Specific hazards during firefighting

Cool closed containers exposed to fire with water spray.

Hazardous combustion products

Carbon oxides (CO, CO2), nitrogen oxides (NOx), sulphur oxides (SOx), smoke and irritating vapors as products of incomplete combustion.

Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Material can create slippery condition.

Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Remove all sources of ignition. Soak up with inert absorbent material. Non-sparking tools should be used. Ensure adequate ventilation. Contact the proper local authorities.

7. HANDLING AND STORAGE

Advice on Safe Handling

For personal protection see Section 8.
 Smoking, eating and drinking should be prohibited in the application area.
 Use only with adequate ventilation.
 In case of insufficient ventilation, wear suitable respiratory equipment.
 Avoid contact with skin, eyes and clothing.
 Do not ingest.
 Keep away from heat and sources of ignition.
 Keep container closed when not in use.

Conditions for safe storage

Store in original container.
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 Keep in a dry, cool and well-ventilated place.
 Keep in properly labeled containers.
 To maintain product quality, do not store in heat or direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protective equipment Respiratory protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Filter type	Organic vapor filter.
Hand protection material	Neoprene, nitrile, polyvinyl alcohol (PVA), Viton(R).
Remarks	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection	Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Protective measures	Wash contaminated clothing before re-use. No special protective equipment required.
Hygiene measures	Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash face, hands and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous liquid	Odor	Mild petroleum like
Color	Red	Odor Threshold	No data available
pH	No data available		
Pour point	-51°C (-60°F)		
Boiling Point/Boiling Range	No data available		
Flash Point	198 °C (388°F)	Method: Cleveland Open Cup	
Fire Point	No data available		
Evaporation Rate	No data available		
Flammability	Low fire hazard. This material must be heated before ignition will occur.		
Upper Explosion Limit	No data available		
Lower Explosion Limit	No data available		
Relative Vapor Density	No data available		
Density	0.8476 kg/l (15°C / 59°F)		
<u>Solubility(ies)</u>			
Water Solubility	Insoluble		
Partition Coefficient: n-octanol/ water	No data available		
<u>Viscosity</u>			
Kinematic Viscosity	Not available		
Dynamic Viscosity	Not available		
Explosive Properties	Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.		

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	Hazardous polymerization does not occur. Stable under normal condition.
Conditions to avoid	No data available
Incompatible materials	Reactive with oxidizing agents, reducing agents and acids.
Hazardous decomposition products	May release COx, NOx, aldehydes, methacrylate monomers, smoke and irritating vapors when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact; Ingestion; Inhalation; Skin contact

Acute toxicity

Product	
Acute oral toxicity	Remarks: No data available Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	Remarks: no data available
Acute dermal toxicity	Remarks: no data available
Components:	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:	
Acute oral toxicity	LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	LC50 (Rat): > 5.2 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	LD (Rabbit): > 2,000 mg/kg
Skin corrosion / irritation	
Product	
Remarks	No data available
Components:	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	
Result:	Mild skin irritation
Serious eye damage / eye irritation	
Product:	
Remarks:	No data available
Components:	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:	
Result:	Mild eye irritation
Respiratory or skin sensitization	
Result	No data available
Germ cell mutagenicity	
Result:	No data available
Carcinogenicity	
Result:	No data available
Reproductive toxicity	
Result:	No data available
STOT – single exposure	
Result:	No data available
STOT – repeated exposure	
Result:	No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:	
Toxicity to fish	Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates	Remarks: No data available
Toxicity to algae	Remarks: No data available
Toxicity to bacteria	Remarks: No data available
Persistence and degradability	
Product:	
Biodegradability	Remarks: No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	The product should not be allowed to enter drains, water courses or the soil. Offer surplus and non-recyclable solutions to a licensed disposal company. Waste must be classified and labeled prior to recycling or disposal. Send to a licensed waste management company. Dispose of as hazardous waste in compliance with local and national regulations. Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.

14. TRANSPORT INFORMATION

International Regulation

Not regulated as a dangerous good
 Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied

49-CPR Not regulated as a dangerous good
TDG Not regulated as a dangerous good

Special precautions for user Not applicable

15. REGULATORY INFORMATION

OSHA Hazards No OSHA Hazards

The components of this product are reported in the following inventories: _

DSL On the inventory, or in compliance with the inventory
TSCA All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
ELINCS On the inventory, or in compliance with the inventory

IECSC On the inventory, or in compliance with the inventory

16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

0 = not significant, 1 = Slight
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet