

Material Safety Data Sheet

AC DELCO ATF Type III(H)

Infosafe™ No. 2EVII

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Status ISSUED by
SPECIALT

BS: 1.9.11

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name AC DELCO ATF Type III(H)

Product Code 238000020, 238008328, 238008329, 238008330

Company Name SPECIALTY OIL COMPANY

Address P.O. Box 4427 Houston
TX. 77210-4427

Other Names	Name	Product Code
	AC DELCO ATF Type III(H)	238008335, 238008352, 238008353

Additional Information
Spill Information: (877) 242-7400
Health Information: (877) 504-9351
MSDS Assistance Number: (877) 276-7285

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	INGREDIENTS	CAS#	CONCENTRATION
	Automatic Transmission Fluid		
	Highly refined petroleum oils	Blend	95 - 99 %weight
	Proprietary additives	Mixture	1 - 5 %weight

Substance
Chemical Family Lubricants

3. HAZARDS IDENTIFICATION

Signs and Symptoms of Exposure
Irritation as noted above.

Medical Conditions Generally Aggravated by Exposure	Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.				
Carcinogenicity	Chemical Name	NTP	IARC	ACGIH	OSHA
	Automatic Transmission Fluid	No	Not Reviewed	No	No
Inhalation	In applications where vapors (caused by high temperature) or mists (caused by mixing or spraying) are created, breathing may cause a mild burning sensation in the nose, throat and lungs.				
Ingestion	Generally considered to have a low order of acute oral toxicity.				
Skin	Lubricating oils are generally considered no more than minimally irritating to the skin. Prolonged and repeated contact may result in defatting and drying of the skin that may cause various skin disorders such as dermatitis, folliculitis or oil acne. Other adverse effects not expected from brief skin contact.				
Eye	Lubricating oils are generally considered no more than minimally irritating to the eyes.				
Other Information	<p>EMERGENCY OVERVIEW:</p> <p>Appearance & Odour: Red oil. Slight Hydrocarbon Odour.</p> <p>Health Hazards: No known immediate health hazards.</p> <p>Physical Hazards: No known physical hazards.</p> <p>NFPA Rating (Health, Fire, Reactivity): 0, 1, 0</p> <p>Hazard Rating: Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme - 4</p> <p>For additional health information, refer to section 11 (Toxicological Information).</p>				

4. FIRST AID MEASURES

Inhalation	Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.
Ingestion	Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention. Have victim rinse mouth out with water, then drink sips of water to remove taste from mouth. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Skin	Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.
Eye	Flush with water. If irritation occurs, get medical attention.
Advice to Doctor	In general, emesis induction is unnecessary in high viscosity, low volatility products such as oils and greases.

5. FIRE FIGHTING MEASURES

Extinguishing Media	This material is non-flammable. Material will float and can be re-ignited on surface of water. Use water fog, 'alcohol foam', dry chemical or carbon dioxide (CO2) to extinguish flames. Do not use a direct stream of water.
Specific Methods	Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus. This material is non-flammable.
Specific Hazards	Material may ignite when preheated.
Flash Point	>370°F/>187.78°C [Cleveland Open Cup]

6. ACCIDENTAL RELEASE MEASURES

Protective Measures:

May burn although not readily ignitable.

Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8 (Exposure Controls/Personal Protection).

Clean-up Methods - Small Spillages Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

Clean-up Methods - Large Spillages Remove with vacuum truck or pump to storage/salvage vessels.

Other Information Reporting:
CERCLA: Product is covered by EPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) petroleum exclusion. Releases to air, land, or water are not reportable under CERCLA (Superfund).

CWA: This product is an oil as defined under Section 311 of EPA's Clean Water Act (CWA). Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center, 1-800-424-8802.

7. HANDLING AND STORAGE

Precautionary Measures:

Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles such as shoes or belts that cannot be decontaminated. Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use explosion-proof ventilation to prevent vapor accumulation. Ground all handling equipment to prevent

sparking.

Storage Do not store in open or unlabeled containers. Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

Other Information Container Warnings:
Keep containers closed when not in use. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Chemical Notation	Limit	TWA	STEL	Ceiling
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	Oil mist, mineral	ACGIH TLV	5 mg/m ³	10 mg/m ³	
	Oil mist, mineral	OSHA PEL	5 mg/m ³		

Respiratory Protection If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

Types of respirator(s) to be considered in the selection process include:

For Mist: Air Purifying, R or P style NIOSH approved respirator.
For Vapors: Air Purifying, R or P style prefilter & organic cartridge, NIOSH approved respirator. Self-contained breathing apparatus for use in environments with unknown concentrations or emergency situations.

Eye Protection Chemical Goggles, or Safety glasses with side shields

Personal Protective Equipment Personal protective equipment (PPE) selections vary based on potential exposure conditions such as handling practices, concentration and ventilation. Information on the selection of eye, skin and respiratory protection for use with this material is provided below.

Body Protection Use protective clothing which is chemically resistant to this material. Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other items. The selection(s) should take into account such factors as job task, type of exposure and durability requirements.

Published literature, test data and/or glove and clothing manufacturers indicate the best protection is provided by: Neoprene, or Nitrile Rubber

Eng. Controls Provide adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Eye washes and showers for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Red oil.
Odour Slight Hydrocarbon Odour.
Specific Gravity (H2O=1) 0.85 - 0.87
Viscosity 30 cSt - 40 cSt @ 40°C
Pour Point -45°F - -50°F
Flash Point >370°F/>187.78°C [Cleveland Open Cup]

10. STABILITY AND REACTIVITY

Stability Material is stable under normal conditions.
Materials to Avoid Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or combustion. Aldehydes, Carbon Monoxide, Carbon Dioxide, Ketones and other unidentified organic compounds may be formed upon combustion.
Conditions to Avoid Avoid heat and open flames.

11. TOXICOLOGICAL INFORMATION

Inhalation In applications where vapors (caused by high temperature) or mists (caused by mixing or spraying) are created, breathing may cause a mild burning sensation in the nose, throat and lungs.
Ingestion Generally considered to have a low order of acute oral toxicity.
Skin Lubricating oils are generally considered no more than minimally irritating to the skin. Prolonged and repeated contact may result in defatting and drying of the skin that may cause various skin disorders such as dermatitis, folliculitis or oil acne. Other adverse effects not expected from brief skin contact.
Eye Lubricating oils are generally considered no more than minimally irritating to the eyes.
Carcinogenicity

Chemical Name	NTP	IARC	ACGIH	OSHA
Automatic Transmission Fluid	No	Not Reviewed	No	No

Acute Toxicity - Oral

TEST	Result	OSHA Classification	Material Tested
Oral LD50 components(s)	>5.0 g/kg(Rat)	Non-Toxic	Based on

Acute Toxicity - Dermal	TEST	Result	OSHA Classification	Material Tested
	Dermal LD50 components(s)	>5.0 g/kg(Rat)	Non-Toxic	Based on

12. ECOLOGICAL INFORMATION

Environmental Impact Summary:

There is no ecological data available for this product. However, this product is an oil. It is persistent and does not readily biodegrade. However, it does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

RCRA Information:

Under RCRA, it is the responsibility of the user of the material to determine, at the time of the disposal, whether the material meets RCRA criteria for hazardous waste. This is because material uses, transformations, mixtures, processes, etc. may affect the classification. Refer to the latest EPA, state and local regulations regarding proper disposal.

14. TRANSPORT INFORMATION

US Department of Transportation Classification:

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule.

International Air Transport Association:

Not regulated under IATA rules.

International Maritime Organization Classification:

Not regulated under International Maritime Organization rules.

15. REGULATORY INFORMATION

OSHA Classification:

Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Ozone Depleting Substances (40 CFR 82 Clean Air Act):

This material does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances.

Superfund Amendment & Reauthorization Act (SARA) Title III:
There are no components in this product on the SARA 302 list.

SARA Hazard Categories (311/312):

Immediate Health	Delayed Health	Fire	Pressure	Reactivity
NO	NO	NO	NO	NO

SARA Toxic Release Inventory (TRI) (313):
There are no components in this product on the SARA 313 list.

Toxic Substances Control Act (TSCA) Status:
All component(s) of this material is(are) listed on the EPA/TSCA Inventory of Chemical Substances.

Other Chemical Inventories:
Component(s) of this material is (are) listed on the Australian AICS, Canadian DSL, European EINECS,

State Regulation:
The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Risk Phrase

16. OTHER INFORMATION

<u>User Codes</u>	<u>User Title Label</u>	<u>User Code</u>
	Approval Number	9589
	Part Number	12378328
	Part Number	12378329
	Part Number	12378330

Revisions Highlighted

Revision#: 2

Revisions since last change (discussion): This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-1998). We encourage you to take the opportunity to read the MSDS and review the information contained therein.

MSDS NUMBER: 02380X - 2

This MSDS has been transcribed into Infosafe NOHSC format from an original issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

End of MSDS

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