

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Name:** STARFIRE FULL SYNTHETIC MULTI-VEHICLE ATF

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use:** Automatic Transmission Fluid

**Recommended restrictions:** Not applicable

### 1.3. Details of the supplier of the safety data sheet

**Supplier:** Coolants Plus, Inc.  
2570 Van Hook Ave.  
Hamilton, OH. 45015

**Information Phone:** +01 888-258-8723

### 1.4. Emergency telephone number

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

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Skin Sensitisation Category 1

### 2.2. Label elements

GHS Hazard Symbols



**Signal Word**

Warning

**Hazard Statements**

May cause an allergic skin reaction.

**Precautionary Statements**

**Prevention**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P321 - Specific treatment (see section 4).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P363 - Wash contaminated clothing before reuse.

**Response**

**Disposal**

P501- Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3. Other hazards

**Hazards not otherwise classified:**

Avoid prolonged or repeated skin contact with used fluid.

**Unknown acute toxicity (GHS-US)**

**Unknown Acute Toxicity (Gas):** 16.218356 % of the mixture consists of ingredient(s) of unknown toxicity.

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## SECTION 3: Composition/information on ingredients

| Chemical Name  | %       | CAS #      | GHS Classification                       |
|--|---------|------------|--|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 30 - 60 | 72623-87-1 | Acute Tox. 4; H332<br>Acute Tox. 3; H331 |
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | 15 - 40 | 72623-86-0 | Acute Tox. 4; H332<br>Acute Tox. 3; H331 |

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.  |
| <b>Eyes</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> | Wash with soap and water. Get medical attention if irritation develops or persists.   |
| <b>Ingestion</b>    | Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS. |

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** Not determined

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Doctor** No additional first aid information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable and Unsuitable 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.

### 5.2. Special hazards arising from the substance or mixture

**Fire and/or Explosion Hazards** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

### 5.3. Advice for firefighters

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

**Hazardous Combustion Products** Carbon dioxide, Carbon monoxide

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**General Measures:** No health effects 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.

### 6.2. Environmental precautions

No data available.

### 6.3. Methods and material for containment and cleaning up

**Methods for 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.

### 6.4. Reference to other sections

Follow all protective equipment recommendations provided in Section 8.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Isolate from incompatible materials.

### Incompatible materials

See Section 10.

### 7.3. Specific end use(s)

Automatic Transmission Fluid

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Chemical Name  | Occupational Exposure Limits | Value                |
|--|------------------------------|----------------------|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | OSHA PEL                     | 5 mg/m <sup>3</sup>  |
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | OSHA PEL                     | 5 mg/m <sup>3</sup>  |
| Oil mist, mineral  | OSHA PEL                     | 5 mg/m <sup>3</sup>  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | ACGIH TLV-TWA                | 5 mg/m <sup>3</sup>  |
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | ACGIH TLV-TWA                | 5 mg/m <sup>3</sup>  |
| Oil mist, mineral  | ACGIH TLV-TWA                | 5 mg/m <sup>3</sup>  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | ACGIH STEL                   | 10 mg/m <sup>3</sup> |
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | ACGIH STEL                   | 10 mg/m <sup>3</sup> |
| Oil mist, mineral  | ACGIH STEL                   | 10 mg/m <sup>3</sup> |
| None.  | IDLH                         |                      |
| None.  | OSHA PEL-Skin Notation       |                      |

### 8.2. Exposure controls

#### Engineering Measures

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

#### Respiratory Protection

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

#### 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

Polyvinyl chloride, Impervious rubber

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                  |                |
|------------------|----------------|
| Physical State   | Liquid         |
| Color            | Red            |
| Odor             | Mild           |
| Odor threshold   | Not determined |
| pH               | Not determined |
| Freezing point   | Not determined |
| Boiling Point    | Not determined |
| Flash Point (°C) | 204            |

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                  |
|---|------------------|
| Flash Point Method                        | COC              |
| Evaporation Rate                          | Not determined   |
| Upper Flammable/Explosive Limit, % in air | Not established  |
| Lower Flammable/Explosive Limit, % in air | Not established  |
| Flammability (solid, gas)                 | Not applicable   |
| Vapor pressure                            | Not determined   |
| Vapor Density                             | Not determined   |
| Relative Density                          | 0.85             |
| Solubility in Water                       | Negligible; 0-1% |
| Octanol/Water Partition Coefficient       | Not determined   |
| Autoignition Temperature                  | Not determined   |
| Decomposition Temperature                 | Not determined   |
| Viscosity(°C)                             | 33.64            |
| 9.2. Other information                    |                  |
| Volatiles, % by weight                    | 0.000000         |

## SECTION 10: Stability and reactivity

|  |   |
|--|---|
| 10.1. Reactivity                         | No data available.  |
| 10.2. Chemical stability                 | Stable under normal conditions.   |
| 10.3. Possibility of hazardous reactions | Hazardous polymerization will not occur.  |
| 10.4. Conditions to avoid                | Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. |
| 10.5. Incompatible materials             | Strong oxidizing agents   |
| 10.6. Hazardous decomposition products   | Carbon dioxide, Carbon monoxide   |

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|  |  |
|--|--|
| Ingestion Toxicity                               | No hazard in normal industrial use. Estimated to be > 5.0 g/kg.  |
| 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                              | No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.   |
| Eye Contact                                      | This material is estimated to be non-irritating eyes (Draize score <15 [rabbits]). No hazard in normal industrial use.   |
| Sensitization                                    | Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.                                    |
| 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. |
| Reproductive and Developmental Toxicity          | No data available to indicate product or any components present at greater than 0.1% may cause birth defects.  |
| Specific target organ toxicity-Single exposure   | Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.  |
| Specific target organ toxicity-Repeated exposure | Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.  |
| Aspiration toxicity                              | Non-hazardous under Aspiration category.   |
| Other information                                | No data available.   |

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## Agents Classified by IARC Monographs

Not applicable IARC Group 1  
Not applicable IARC Group 2A  
Not applicable IARC Group 2B

## National Toxicity Program (NTP) Status

Not applicable Known Human Carcinogen  
Not applicable Reasonably Anticipated To Be A Human Carcinogen

## SECTION 12: Ecological information

### 12.1. Toxicity

**Acute Aquatic ecotoxicity:** Non-hazardous under Aquatic Acute Environment category.  
**Chronic Aquatic ecotoxicity:** Non-hazardous under Aquatic Chronic Environment category.

### 12.2. Persistence and degradability

Does not biodegrade readily.

### 12.3. Bioaccumulative potential

Bioconcentration is not expected to occur.

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

Not determined

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal Methods

Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

#### Waste Disposal Code(s)

#### Waste Description for Spent Product

Spent or discarded material is non-hazardous according to environmental regulations.

#### Contaminated packaging:

Recycle containers whenever possible.  
Recycle containers whenever possible.  
Recycle containers whenever possible.

## SECTION 14: Transport information

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

### Description

## SECTION 15: Regulatory information

### Chemical Inventories

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

**U.S. State Restrictions:** Not applicable

**WHMIS:** Uncontrolled product according to WHMIS classification criteria

| Chemical Name | Regulation | CAS # | % |
|---------------|------------|-------|---|
| None.         | CERCLA     |       |   |
| None.         | SARA 313   |       |   |
| None.         | SARA EHS   |       |   |
| None.         | TSCA 12b   |       |   |

### U.S. State Regulations

| Chemical Name | Regulation | CAS # | % |
|---------------|------------|-------|---|
|---------------|------------|-------|---|

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| Chemical Name  | Regulation                            | CAS #      | %           |
|--|---------------------------------------|------------|-------------|
| None.  | California Prop 65-<br>Cancer         |            |             |
| Sulfur dioxide   | California Prop 65- Dev.<br>Toxicity  | 7446-09-5  | 0.001- 0.01 |
| None.  | California Prop 65-<br>Reprod -fem    |            |             |
| None.  | California Prop 65-<br>Reprod-male    |            |             |
| Mineral oil, petroleum distillates,<br>hydrotreated light naphthenic | Massachusetts RTK List                | 64742-53-6 | 1 - 5       |
| None.  | New Jersey RTK List                   |            |             |
| None.  | Pennsylvania RTK List                 |            |             |
| None.  | Rhode Island RTK List                 |            |             |
| None.  | Minnesota Hazardous<br>Substance List |            |             |

### HMIS Ratings:

Health: 1  
Fire: 1  
Reactivity: 0  
PPE: B

### NFPA Ratings:

Health: 1  
Fire: 1  
Reactivity: 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 – Extreme

## SECTION 16: Other information

**Revision Date** 12/16/2015 9:04:52 AM  
**Supersedes:** 11/3/2015 10:21:04 AM  
**References** ACGIH: American Conference of Governmental Industrial Hygienists  
 AIHA: American Industrial Hygiene Association  
 CFR: Code of Federal Regulations  
 DOT: United States Department of Transportation  
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals  
 HMIS: Hazardous Materials Identification System  
 IARC: International Agency for Research on Cancer  
 IATA: International Air Transportation Association  
 IDLH: Immediately Dangerous to Life or Health  
 IMDG: International Maritime Dangerous Goods  
 NFPA: National Fire Protection Association  
 NIOSH: National Institute for Occupational Safety and Health  
 NTP: National Toxicology Program  
 OSHA: Occupational Safety and Health Administration  
 PEL: Permissible Exposure Limit  
 RTK: Right-to-Know  
 SARA: Superfund Amendments and Reauthorization Act  
 STEL: Short-term Exposure Limit  
 TLV: Threshold limit value  
 TSCA: Toxic Substances Control Act  
 TWA: Time weighted average  
 UN: United Nations  
 WHMIS: Workplace Hazardous Materials Information System

### Disclaimer

This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all

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## SECTION 16: Other information

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