



# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 16.06.2014

Revision: 13.05.2014

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** ATF RED-1 (04500-00140, 04500-00A61)

**Recommended Use of the Chemical and Restriction on Use:** Automatic transmission fluid

**Details of Manufacturer or Importer:**

Mobis Parts Australia  
77 Peter Brock Drive  
Eastern Creek NSW 2766

**Phone Number:** 02 8822 8777

**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:**

H227 Combustible liquid.

**Label Elements**

**Signal Word** Warning

**Hazard Statements**

H227 Combustible liquid.

**Precautionary Statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with local/regional/national regulations.

## 3 . COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

**Hazardous Components:**

64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	80-90%
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**Additional information:**

The classification as a carcinogen need not apply - the substance contains less than 3% DMSO extract as measured by IP 346.

## 4 . FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

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**Ingestion:**

If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**5 . FIRE FIGHTING MEASURES****Suitable Extinguishing Media:**

Foam, carbon dioxide and dry chemical. Do not use water jets since they could spread the fire.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon, various hydrocarbons and aldehydes.

**Special Protective Equipment and Precautions for Fire Fighters:**

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

**6 . ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear Safe Work Australia approved respiratory protection, chemical goggles, chemical resistant gloves (nitrile or neoprene), hydrocarbon oil resistant clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

**7 . HANDLING AND STORAGE****Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours or mists. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep in the original container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents. Empty containers may contain flammable or explosive vapours. Do not weld, cut or drill on full or empty containers. Handling equipment must be grounded to prevent sparking. There is a fire hazard associated with rags, paper or any other material used to remove spills which become soaked with product.

**8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Standards:**

Mineral oil mist:

TWA: 5 mg/m<sup>3</sup> , STEL: 10 mg/m<sup>3</sup> - ACGIH

**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

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**Personal Protective Equipment (PPE):****Respiratory Protection:**

A face mask required.

Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Chemical resistant gloves (nitrile, neoprene), hydrocarbon oil resistant clothing and safety rubber boots. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

**Eye and Face Protection:**

Safety glasses with top and side shields or chemical goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Red
<b>Odour:</b>	Characteristic
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	Not applicable
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	>210 °C ((ISO 2592))
<b>Flammability:</b>	Combustible liquid Class 2
<b>Auto-ignition Temperature:</b>	>260 °C (ASTM E 659)
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	No information available
<b>Relative Density at 15 °C:</b>	864 kg/m <sup>3</sup>
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water) at 20 °C:</b>	>6 log POW
<b>Viscosity at 100 °C:</b>	7.44 mm <sup>2</sup> /s

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Heat, sparks, open flames and other sources of ignition.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:**

Incomplete combustion and thermolysis produce toxic gases such as oxides of carbon, various hydrocarbons and aldehydes.

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## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:****Acute Health Effects****Inhalation:**

Inhalation of heavy concentrations of vapour, fumes or spray may cause irritation of the upper respiratory tract.

**Skin:** If the skin is exposed to high-pressure spray, the product may enter the skin and cause an injury.

**Eye:** Not expected to be a hazard.

**Ingestion:** Swallowing large amounts may cause vomiting, diarrhoea and abdominal pain.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** No sensitising effects known.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Risk of aspiration into the respiratory tract and chemical pneumonia.

**Chronic Health Effects:**

Characteristic skin affections (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing.

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:**

The product is considered to present a little danger for aquatic life. Experimental data on the finished product are not available.

**Persistence and Degradability:** The mineral oil portion of the product is intrinsically biodegradable.

**Bioaccumulative Potential:** No information available

**Mobility in Soil:** The product generally shows little mobility in the soil.

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

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## 14 . TRANSPORT INFORMATION

<b>UN Number</b>	Not regulated
<b>ADG, IMDG, IATA</b>	Void
<b>Proper Shipping Name</b>	Not regulated
<b>ADG, IMDG, IATA</b>	Void
<b>Dangerous Goods Class</b>	Not regulated
<b>ADG Class:</b>	Void
<b>Packing Group:</b>	Not regulated
<b>ADG, IMDG, IATA</b>	Void
<b>Marine pollutant:</b>	No

## 15 . REGULATORY INFORMATION

### Australian Inventory of Chemical Substances:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

### Packaging & Labelling:

#### DIRECTION FOR USE:

Fill the transmission to the filler hole with the appropriate lubricant.

NOTE: When switching transmission lubricants, all areas of each affected component must be thoroughly drained.

#### SAFETY DIRECTIONS:

Prolonged inhalation of high concentrations of vapour may be hazardous. Product should be used in a well ventilated area. Avoid contact with skin. Wash exposed areas thoroughly with soap and water. Store in a cool, dry, well-ventilated area. Do not expose contents or put container in contact with heat, sparks, or open flames. Dispose of product, container, and residue in accordance with all local, state, and federal regulations.

#### FIRST AID:

A - For advice, contact a Poisons Information Centre (phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor (at once).

G3 - If swallowed, do NOT induce vomiting.

Move to fresh air and seek medical attention if breathing becomes difficult. If sprayed in eyes, flush thoroughly with large amounts of water. If irritation persists, get medical attention.

## 16 . OTHER INFORMATION

**Creation Date:** 13.05.2014**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)

### Abbreviations and acronyms:

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

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## **Disclaimer**

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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