

SAFETY DATA SHEET

Product

Pirtek ATF II

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Date Oct 2014

Revision 04

1 Identification of the Substance/Preparation and Company

Supplier: Pirtek (UK) Limited
Address: 199 Acton Park Estate The Vale
 Acton London W3 7QS

Contact numbers: Telephone: 0208 749-8444
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E-mail address: info@pirtek.co.uk

Product Name: Pirtek ATF II
Identified Use:: Automatic Transmission Fluid

Revision summary: This Safety Data Sheet has been re-classified in compliance With EU 453/2010 and EC 1272/2008. It replaces revision 03 (Oct. 2012)

2 Composition/Information on Ingredients

Contains >88% highly refined mineral base oils.

Hazardous Ingredients.

Component	CAS No.	EC No.	Concentration % W/W	CLP Classification	DSD Classification
Zinc alkyldithiophosphate	68649-42-3	272-028-3	0.1 – 0.3	H315, H318 H411	Xi:N R38,41,51/53
Calcium long-chain Alkyl salicylate	Polymer	Polymer	0.05 – 0.09	H412	R:53
Alkoxy heterocyclic ether		243-556-9	0.1 – 0.3	H411	N51/53

3 Hazards Identification

This product is not classified as hazardous under current UK Health and Safety and Environmental legislation, for the application for which it was intended.

This product is of low oral and dermal toxicity and under normal conditions of use should present no health hazards. However, in common with most mineral oils, prolonged and repeated skin contact may cause dermatitis.

The risk of skin disorders may be increased if the product has become contaminated.

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4 First Aid Measures

- Inhalation:** If inhaled, remove to fresh air. If symptoms appear get medical attention.
- Skin:** Wash skin as soon as possible with soap and water. Change contaminated clothing immediately and launder before re-use. Get medical advice if irritation persists.
- Eyes:** Wash out immediately with large amounts of water for at least 15 minutes. Remove any contact lenses. Irritation persists, seek medical advice.
- Ingestion:** Do not give anything by mouth. DO NOT INDUCE VOMITING unless Directed by medical personnel. Seek medical attention if symptoms occur.
- First Aiders:** No action should be taken involving any personal risk or without suitable training.

Most important symptoms and effects:
See Section 11 for more detailed information on health effects and symptoms.

5 Fire Fighting Measures

Suitable Extinguishing Media:

In case of fire use foam, dry chemical or Carbon dioxide.

Unsuitable Extinguishing media:

Do not use water jets.

Special hazards arising from the substance or mixture:

Packaged product in a fire or if heated may cause the container to burst because of the increase in pressure.

Hazardous combustion products: Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of nitrogen and sulphur may also be formed.

Advice for Firefighters

No action should be taken involving any personal risk or without suitable training. The area should be isolated

By removing all persons in the vicinity of the fire.

Fire fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full

Face-piece operated in positive pressure mode. Clothing for fire fighters (including helmets, protective boots and gloves)

Conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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6 Accidental Release Measures

Personal Precautions:

Spilt product presents a significant slip hazard. Avoid exposure of the product to sources of ignition. See Section 8 for PPE, if dealing with any spillage Do Not Smoke, avoid inhaling vapours, avoid contact with skin & eyes. Isolate immediate hazard area and keep unauthorised persons out. It may be necessary to wear respiratory equipment depending upon a risk assessment of the particular situation.

Environmental Precautions:

Prevent entry into drains, sewers and water courses. The appropriate authorities should be notified if it has contaminated soil/vegetation. Spillages occurring on water should be removed from the surface using suitable absorbents. If necessary dispose of absorbed residues as described in section 13.

Decontamination Procedures:

Soak up with inert absorbent and transfer to appropriate waste container. In case of spillage on water contain by a boom and collect by skimming or absorption. In case of soil contamination, remove contaminated soil for remediation or disposal in accordance with local regulations. Dispose of any residue and contaminated material via a licensed waste contractor.

7 Handling and Storage

Precautions for safe handling

Advice on Occupational hygiene: No smoking, eating or drinking during handling. A high standard of personal hygiene should be maintained, Wash thoroughly after handling. See section 8 for advice on appropriate PPE..

Storage:

Store in containers designed to contain this product and ensure the storage area is not close to heat or any sources of ignition. Drums should be stored on their sides preferably under cover, out of direct sunlight, in well ventilated conditions. Containers should be tightly closed and properly labelled. Empty containers retain residue and may be dangerous, do not pressurise, cut, weld braze, solder, drill, grind or expose such containers to heat, sparks, flame or other sources of ignition. All containers should be disposed of in an environmentally safe manner in accordance with the appropriate disposal of hazardous waste regulations

8 Exposure Controls/Personal protection

Recommended Monitoring

Procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory equipment.

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Reference should be made to the European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Derived No effect Level: No DELs available

Predicted no effect Concentration: No PNEC available

Exposure Controls.**Appropriate Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after engineering controls and other forms of control measures have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

The final choice of PPE will depend upon a risk assessment.

Hygiene Measures: Wash thoroughly after using chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Respiratory protection: Unlikely to be required in normal use but ensure good ventilation. However, where concentration in air may be excessive a full assessment of the working conditions will be necessary.

Eye Protection: Chemical grade protection approved to BS EN 166 is recommended at all times.

Skin Protection: Hand protection is recommended at all times where exposure is likely. PVC or nitrile gloves are recommended to BS EN 374 with a breakthrough time of > 360 minutes.

9 Physical and Chemical Properties**Information on physical and basic chemical properties:**

	Pirtek ATF II
Appearance	Red Liquid
Odour	Mild Oily
Pour Point (°C)	No Data
Flash Point (°C)	188
Autoflammability (°C)	No data
Relative Density @ 15°C	870
Water Solubility	Insoluble
Viscosity @ 40°C mm ⁻¹	37.2

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10 Stability and Reactivity

Conditions to Avoid: Ignition sources, heat and naked flames.

Incompatible materials: Oxidising materials

Stability: The product is chemically stable

The product is generally not chemically reactive and stable under normal ambient conditions of use. Hazardous Decomposition Products - thermal decomposition may lead to the formation of a multiplicity of compounds some of which may be hazardous. With incomplete combustion smoke and hazardous fumes and gases, including carbon monoxide may be formed. However, under normal condition of use hazardous decomposition products will not be produced.

11 Toxicological Information

Information on Toxicological Effects.

Exposure Routes: Dermal, Inhalation. Vapour inhalation under normal ambient conditions is not normally a problem because of low vapour pressure.

On Eyes: May cause transient irritation, but no known significant effects or critical hazards.

On Skin: Unlikely to cause harm on brief or occasional contact.
No known significant effects or critical hazards.
However, prolonged and repeated contact can defat the skin
And lead to irritation and/or Dermatitis

By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion: May cause nausea, vomiting and diarrhoea.

Potential Chronic Health effects

USED engine oils may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types of used engine oils must therefore be avoided and a high standard of personal hygiene maintained.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Development effects: No known significant effects or critical hazards.

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12 Ecological Information

Toxicity

Environmental hazards: Not classified as dangerous.

Persistence: Inherently biodegradable

Bioaccumulative potential: Not expected to bioaccumulate through food chains in the environment.

Mobility: Spillages may permeate the soil causing ground water contamination.

Results of PBT & vPvB assessment

PBT: N/A
VPvB: N/A

Other ecological information

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

PBT – (Persistent, Bioaccumulative and Toxic)
VPvB – (Very persistent and very bioaccumulative)

13 Disposal Considerations

Methods of disposal

Place used and contaminated materials/packaging in suitable containers. Dispose of the waste in accordance with Duty of Care regulations (Environmental Protection Act 1990-Section 34(7)) using a licensed waste disposal company. The product is subject to The Hazardous Waste Regulations 2005. Waste packaging should be recycled if feasible before incineration or landfill are considered.

EWC waste code: - 13 02 05 Mineral based non-chlorinated engine, gear and lubricating oil.

Special Precautions

This material and its container must be disposed of in a safe way. Never weld, solder, or braze empty containers. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14 Transport Information

Classification for transport:	Not classified as hazardous for transport.		
UN Number:	Not regulated	Packaging Group:	N/A
Shipping Name:	Not regulated	Marine Pollutant:	NO
IMO Class:	Not regulated	ICAO/IATA:	N/A
ADR/RID:	Not regulated		

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15 Regulatory Information

Health, Safety & Environmental Regulations pertaining to the product:

EC 1272/2008 – Classification, Labelling and Packaging of Substances & Mixtures
EN 166:2002 – Eye Protection
EN 529:2005 – Respiratory Protective Devices
BS EN 374-1:2003 Protective gloves against chemicals and micro-organisms
Workplace Exposure Limits, (EH40/2005), Control of Substances Hazardous to Health
Directive 91/689/EEC on Hazardous Waste (European Waste codes)
Directive 2000/76/EC on the incineration of waste
Directive 1999/31/EC on Landfill of waste

16 Other Information

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for any applications other than that as stated in this sheet may give rise to risks not mentioned in this sheet.. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to inform your employees and others who may be affected by any of the hazards described in this sheet and of any precautions which should be taken.

Full text of H Statements: H315 Causes skin irritation
 H318 Causes serious eye damage
 H411 Toxic to aquatic life with long lasting effects
 H412 Harmful to aquatic life with long lasting effects

Full text R phrases: R41 Risk of serious damage to eyes
 R38 Irritating to skin
 R51/53 Toxic to aquatic organisms may cause long-term
 Adverse effects in the aquatic environment

The information presented in this Data Sheet is based upon data believed to be accurate. when the Data Sheet was prepared However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be Implied regarding the accuracy or completeness of the information provided above, the results to be obtained from the use of This information, or the product, the safety of this product, or the hazards relating to its use. No responsibility is assumed for Any damage or injury resulting from abnormal use or from any failure to adhere to any recommended practices.
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