



## 1. Identification of the material and supplier

**Product name**                    **AH 07/14**

**SDS #**                                AH 07/14

**Product use**                        Grease  
 For specific application advice see appropriate Technical Data Sheet or consult our company representative.

**Supplier**                            BP Australia Pty Ltd (ABN 53 004 085 616)  
 Melbourne Central,  
 360 Elizabeth Street,  
 Melbourne,  
 Victoria 3000,  
 Australia  
 Tel: +61 (03) 9268 4111  
 Fax: +61 (03) 9268 3321

**EMERGENCY TELEPHONE NUMBER**    1800 14 14 74

**OTHER PRODUCT INFORMATION**            Technical Help Line 1 300 557 998 (Local Call)

**Product code**                      AH 07/14

## 2. Hazards identification

**Statement of hazardous/dangerous nature**    NON-HAZARDOUS SUBSTANCE. DANGEROUS GOODS.

**Risk phrases**                        R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases**                      S61- Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. Composition/information on ingredients

Ingredient name	CAS no.	%
Triphenyl phosphate	115-86-6	20 - 50
Other ingredients, determined not to be hazardous according to NOHSC criteria, make up the product concentration to 100%.		

## 4. First-aid measures

**Eye contact**                        In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact**                        Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

**Inhalation**                            If inhaled, remove to fresh air. Get medical attention if symptoms appear.

**Ingestion**                            Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

## 5. Fire-fighting measures

**Extinguishing Media Suitable**                      Use foam or all-purpose dry chemicals to extinguish. This material is toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

<b>Hazards from combustion products</b>	These products are carbon oxides sulfur oxides phosphorus oxides metal oxide/oxides
<b>Unusual fire/explosion Hazards</b>	This material is not explosive as defined by established regulatory criteria.
<b>Special fire-fighting procedures</b>	None identified.
<b>Protection of fire-fighters</b>	Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

## 6 . Accidental release measures

<b>Emergency Procedures</b>	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (See Section: "Exposure controls/personal protection"). Follow all fire fighting procedures (See Section: "Fire-fighting measures").
<b>Methods and materials for containment and clean-up</b>	If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Avoid contact of spilt material with soil and prevent runoff entering surface waterways. See Section 13 for Waste Disposal Information.

## 7 . Handling and storage

<b>Handling</b>	Avoid prolonged or repeated contact with skin. Avoid contact of spilled material and runoff with soil and surface waterways. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8 . Exposure controls/personal protection

<b>Ingredient name</b>	<b>Occupational exposure limits</b>
Triphenyl phosphate	<b>NOHSC (Australia, 8/2005).</b> TWA: 3 mg/m <sup>3</sup> 8 hour(s).
Graphite	<b>NOHSC (Australia, 8/2005).</b> STEL: 3 mg/m <sup>3</sup> 15 minute(s). Form: Respirable dust
molybdenum sulphide	<b>NOHSC (Australia, 8/2005).</b> TWA: 10 mg/m <sup>3</sup> , (as Mo) 8 hour(s). Form: Insoluble

Whilst specific OELs for certain components are included in this SDS, it should be noted that other components of the preparation will be present in any mist, vapour or dust produced. For this reason, the specific OELs may not be applicable to the product and are provided for guidance purposes.

<b>Biological Limit Values</b>	No biological limit allocated.
<b>Control Measures</b>	Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.
<b>Hygiene measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
<b>Personal protective equipment</b>	
<b>Respiratory system</b>	Select and use respirators in accordance with AS/NZS 1715/1716. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist (Type P1) filters. Filter capacity and respirator type depends on exposure levels.
<b>Skin and body</b>	Avoid prolonged or repeated contact with skin. Wear protective clothing if prolonged or repeated contact is likely.
<b>Hands</b>	Wear protective gloves if prolonged or repeated contact is likely. Chemical resistant gloves. Recommended: Nitrile gloves. The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.
<b>Eyes</b>	Safety glasses with side shields.

## 9 . Physical and chemical properties

Physical state	Solid.
Colour	Black. [Dark]
Odour	Petroleum
Auto-ignition temperature	585 °C
Flash point	250 °C (Open cup) Estimated.
Boiling point / range	>300°C (>572°F)
Melting point / range	Not available.
Density	1410 kg/m <sup>3</sup> (1.41 g/cm <sup>3</sup> )
Vapour density	Not available.
Vapour pressure	Not available.
Solubility	Insoluble in water.
pH	Not available.
Relative density/Specific Gravity	Not available.

## 10 . Stability and reactivity

Stability	The product is stable.
Conditions to Avoid	Avoid extreme temperatures, strong oxidizers, fire.
Incompatibility with various substances/Hazardous Reactions	No hazardous reactions identified.
Hazardous polymerization	Will not occur.
Hazardous Decomposition Products	These products are carbon oxides sulfur oxides phosphorus oxides metal oxide/oxides

## 11 . Toxicological information

### Effects and symptoms

Eyes	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
Skin	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
Inhalation	Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.
Ingestion	Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.
Carcinogenic effects	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen by ACGIH, the International Agency for Research on Cancer (IARC), the European Commission (EC), or the National Occupational Health and Safety Commission (Australia).

## 12 . Ecological information

Ecotoxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Biodegradability	
Persistence/degradability	The biodegradability of this material has not been determined.

## 13 . Disposal considerations

Disposal Consideration / Waste information	Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.
Special Precautions for Landfill or Incineration	No additional special precautions identified.

## 14 . Transport information

### International transport regulations

Regulation	UN number	Proper shipping name	Class	Subsidiary class	Packing group	Label	Additional information
<b>ADG Classification</b>	UN3077	Environmentally hazardous substance, solid, n.o.s. (Triaryl phosphates isopropylated, Triphenyl phosphate)	9	Not determined.	III		Not determined.
<b>IMDG Classification</b>	UN3077	Environmentally hazardous substance, solid, n.o.s. (Triaryl phosphates isopropylated, Triphenyl phosphate). Marine pollutant	9	Not determined.	III		<b>Marine pollutant</b> Severe marine pollutant (PP)
<b>IATA Classification</b>	UN3077	Environmentally hazardous substance, solid, n.o.s. (Triaryl phosphates isopropylated, Triphenyl phosphate)	9	Not determined.	III		Not determined.

**Special precautions for user** No known special precautions required. See Section: "Handling and storage" for additional information.

## 15 . Regulatory information

### Standard for the Uniform Scheduling of Drugs and Poisons

Not regulated.

### Control of Scheduled Carcinogenic Substances

#### Ingredient name

#### Schedule

No Listed Substance

### Other Classification Information

#### Other regulations

#### Inventories

**Europe inventory:** All components are listed or exempted.

**United States inventory (TSCA 8b):** All components are listed or exempted.

**Australia inventory (AICS):** All components are listed or exempted.

**Canada inventory:** All components are listed or exempted.

**China inventory (IECSC):** All components are listed or exempted.

**Japan inventory (ENCS):** All components are listed or exempted.

**Korea inventory (KECI):** All components are listed or exempted.

**Philippines inventory (PICCS):** All components are listed or exempted.

## 16 . Other information

### Key to abbreviations

AMP = Acceptable Maximum Peak

ACGIH = American Conference of Governmental Industrial Hygienists, an agency that promulgates exposure standards.

ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail

ADG Code = Australian Code for the Transport of Dangerous Goods by Road and Rail

CAS Number = Chemical Abstracts Service Registry Number

HAZCHEM Code = Emergency action code of numbers and letters which gives information to emergency services. Its use is required by the ADG Code for Dangerous Goods in bulk.

ICAO = International Civil Aviation Organization.

IATA = International Air Transport Association, the organization promulgating rules governing shipment of goods by air.

IMDG = International Maritime Organization Rules, rules governing shipment of goods by water.

IP 346 = A chemical screening assay for dermal toxicity. The European Commission has recommended that Method IP 346 be used as the basis for labelling certain lubricant oil base stocks for carcinogenicity. The EU Commission has stipulated that the classification as a carcinogen need not

apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346. (See Note L, European Commission Directive 67/548/EEC as amended and adapted.) DMSO is a solvent.

NOHSC = National Occupational Health & Safety Commission, Australia

TWA = Time weighted average

STEL = Short term exposure limit

UN Number = United Nations Number, a four digit number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods.

#### History

**Date of issue** 01/08/2007.

**Date of previous issue** 31/07/2007.

**Prepared by** Product Stewardship

#### Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.