

1. Identification of the substance/preparation and company/undertaking

Product name	Tribol 1330
SDS no.	461561
Historic SDS no.	DE-2504, AT-461561, BE-461561, CZ-62504, EE-2504, LT-2504, NL-461561, PL-2504, RU-2504, SK-2504
Use of the substance/preparation	Lubricant For specific application advice see appropriate Technical Data Sheet or consult our company representative.
Supplier	Castrol Austria GmbH Nfg OHG Industriezentrum NÖ-Süd, Straße 6, A-2355 Wiener Neudorf Austria Telefon: 02236/695 - 0 Telefax: 02236/695 - 48000 Carechem: +44 (0) 1235 239 670
EMERGENCY TELEPHONE NUMBER	
E-mail address	MSDSadvice@bp.com

2. Hazards identification

This preparation is not classified as dangerous according to Directive 1999/45/EC as amended and adapted.
See sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

3. Composition/information on ingredients

Polyalkylene glycol and additives.

Chemical name	CAS no.	%	EINECS / ELINCS.	Classification
Diphenylamine derivate	Proprietary	1 - 5		R53 [1]

See section 16 for the full text of the R-phrases declared above

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

4. First-aid measures

Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact	Wash skin thoroughly with soap and water or use recognised skin cleanser. 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 swallowed, wash out mouth and call physician.
Notes to physician	Treatment should in general be symptomatic and directed to relieving any effects.

5. Fire-fighting measures

Extinguishing media	
Suitable	In case of fire, use water fog, foam, dry chemical or carbon dioxide extinguisher or spray.
Not suitable	Do not use water jet.
Hazardous decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
Unusual fire/explosion hazards	This material is not explosive as defined by established regulatory criteria.

Product name	Tribol 1330	Product code	461561-DE03	Page:	1/4
Version	1	Date of issue	15 May 2008	Format	Austria
				Language	ENGLISH
					(ENGLISH)

Special fire-fighting procedures	None identified.
Protection of fire-fighters	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

Personal precautions	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment (see section 8).
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.
Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Handling	Do not breathe vapour or mist. Wash thoroughly after handling. Avoid strong oxidisers.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure controls/personal protection

Occupational exposure limits	This product does not have any assigned OELs.
Exposure controls	
Occupational exposure controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.
Hygiene measures	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.
Personal protective equipment	
Respiratory protection	Use only with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Recommended: half-face mask - organic vapor filter (Type A). The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should be developed for each intended application. Respiratory protection equipment should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.
Hand protection	Wear protective gloves if prolonged or repeated contact is likely. Chemical-resistant gloves. Recommended: Butyl 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.
Eye protection	Safety glasses with side shields.
Skin and body	Wear appropriate clothing to avoid prolonged skin contact.

9. Physical and chemical properties

General information

Appearance

Physical state	Liquid.
Colour	Yellow.
Odour	Mild

Important health, safety and environmental information

Flash point	Closed cup: 275°C (527°F)
Viscosity	Kinematic: 130 mm²/s (130 cSt) at 40°C
Pour point	<-20 °C
Density	>1000 kg/m³ (>1 g/cm³) at 20°C
Solubility	Partially soluble in water

Product name	Tribol 1330	Product code	461561-DE03	Page:	2/4
Version	1	Date of issue	15 May 2008	Format	Austria
				Language	ENGLISH
					(ENGLISH)

10 . Stability and reactivity

Stability	The product is stable.
Conditions to avoid	High temperatures
Materials to avoid	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	Combustion products may include the following: carbon oxides nitrogen oxides Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 . Toxicological information

Chronic toxicity	
Chronic effects	No known significant effects or critical hazards.
Effects and symptoms	
Eyes	May cause mild eye irritation.
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. polyalkylene glycol mist (particulate) - May be harmful by inhalation after often repeated exposure.
Ingestion	Ingestion may cause gastrointestinal irritation and diarrhoea.

12 . Ecological information

Persistence/degradability	Inherently biodegradable
Mobility	Non-volatile. Liquid. Partially soluble in the following materials: water.
Environmental hazards	Not classified as dangerous.

13 . Disposal considerations

Disposal considerations / Waste information	The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Unused product	
European waste catalogue (EWC)	13 02 08* other engine, gear and lubricating oils However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.
Packaging	
European waste catalogue (EWC)	15 01 10* packaging containing residues of or contaminated by dangerous substances

14 . Transport information

Not classified as hazardous for transport (ADR/RID, ADN, IMDG, ICAO/IATA)

15 . Regulatory information

Classification and labelling have been performed according to EU directives 1999/45/EC and 67/548/EEC as amended and adapted.

Label requirements	
Risk phrases	This product is not classified according to EU legislation.
Additional warning phrases	Safety data sheet available for professional user on request.
Other regulations	
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.

Product name	Tribol 1330	Product code	461561-DE03	Page:	3/4
Version	1	Date of issue	15 May 2008	Format	Austria
			(Austria)	Language	ENGLISH
					(ENGLISH)

Canada inventory	All components are listed or exempted.
China inventory (IECSC)	All components are listed or exempted.
Japan inventory (ENCS)	At least one component is not listed.
Korea inventory (KECI)	All components are listed or exempted.
Philippines inventory (PICCS)	At least one component is not listed.
Limitation of the use of organic solvents	Permitted.
National regulations	Chemistry Law 1996 (BGBl.No. I53/1997 at the time valid version) Workers Protection Law (BGBl.No.240/1991 at the time valid version) Decree to European Agree on International Transport of Dangerous Good on Road (ADR) Limiting Values Decree 2001 Decree on flammable Liquids (BGBl.No. 240/1991 at the time valid version) Waste Water Emission Decree: pay attention on business specific values Packing Decree (BGBl.No. 526/1989)
Hazard Class for water (WGK), according to VwVwS	1 Appendix No. 4

16 . Other information

Full text of R-phrases referred to in sections 2 and 3 R53- May cause long-term adverse effects in the aquatic environment.

History

Date of issue/ Date of revision 15/05/2008.

Date of previous issue No previous validation.

Prepared by Product Stewardship Group

Notice to reader

 Indicates information that has changed from previously issued version.

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.

Product name Tribol 1330

Product code 461561-DE03

Page: 4/4

Version 1

Date of issue 15 May 2008

Format Austria

Language ENGLISH

(Austria)

(ENGLISH)