



Safety Data Sheet

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TEROSON WX 178 HP

SDS No. : 515551

V001.0

Date of issue: 19.07.2017

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

Product name: TEROSON WX 178 HP

Intended use: Car polish

Supplier:

Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Not hazardous according to the criteria of Safe Work Australia.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

None

Section 3. Composition / information on ingredients

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Aluminium oxide - non fibrous form	1344-28-1	10- < 30 %
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO	64742-55-8	< 10 %
Glycerol	56-81-5	< 10 %
non hazardous ingredients~		60- < 80 %

Section 4. First aid measures

Ingestion: Rinse mouth, do not induce vomiting, consult a doctor.

Skin: Rinse with running water and soap.

Eyes: Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Inhalation: Move to fresh air, consult doctor if complaint persists.

First Aid facilities: Eye wash
Normal washroom facilities

Section 5. Fire fighting measures

Suitable extinguishing media: All common extinguishing agents are suitable.

Improper extinguishing media: High pressure waterjet

Decomposition products in case of fire:: carbon oxides.

Special protective equipment for fire-fighters: Wear protective equipment.
Wear self-contained breathing apparatus.

Section 6. Accidental release measures

Personal precautions: Wear protective equipment.
See advice in section 8

Environmental precautions: Do not empty into drains / surface water / ground water.

Clean-up methods: Remove mechanically.
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Precautions for safe handling: Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
Do not take internally.
For industrial use only.

Conditions for safe storage: Store at room temperature.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
ALUMINIUM OXIDE (INSPIRABLE DUST) 1344-28-1	Inspirable dust.		10	-	-	-	-
OIL MIST, REFINED MINERAL 64742-55-8	Mist.		5	-	-	-	-
GLYCERIN MIST (INSPIRABLE DUST) 56-81-5	Inspirable dust.		10	-	-	-	-

Engineering controls:	Ensure good ventilation/suction at the workplace.
Eye protection:	Protective goggles
Skin protection:	Wear protective equipment. For hand protection, use rubber or plastic gloves.
Respiratory protection:	If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

Appearance:	white viscous, liquid
Odor:	characteristic
Flash point:	> 100 °C (> 212 °F)
Density:	1.05 g/cm ³
Solubility in water:	Insoluble

Section 10. Stability and reactivity

Conditions to avoid:	Avoid moisture.
Incompatible materials:	None if used for intended purpose.
Hazardous decomposition products:	Irritating and toxic gases or fumes may be released during a fire.

Section 11. Toxicological information

Health Effects:**Ingestion:**

May cause gastrointestinal disturbances such as nausea, vomiting, abdominal pain, and diarrhea.

Skin:

May cause mild skin irritation.

Eyes:

May cause mild irritation

Inhalation:

Inhalation of vapors from heated material may cause irritation.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Aluminium oxide - non fibrous form 1344-28-1	LD50	> 5,000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO 64742-55-8	LD50	> 5,000 mg/kg	oral	4 h	rat	OECD Guideline 401 (Acute Oral Toxicity)
	LC50	> 5.53 mg/l	inhalation		rat	OECD Guideline 403 (Acute Inhalation Toxicity)
	LD50	> 5,000 mg/kg	dermal		rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Glycerol 56-81-5	LD50	27,200 mg/kg	oral		rat	not specified
	LD50	56,750 mg/kg	dermal		guinea pig	not specified

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Aluminium oxide - non fibrous form 1344-28-1	not irritating	24 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO 64742-55-8	not irritating	24 h	rabbit	not specified
Glycerol 56-81-5	not irritating	24 h	rabbit	Expert judgement

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Aluminium oxide - non fibrous form 1344-28-1	slightly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO 64742-55-8	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Glycerol 56-81-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Aluminium oxide - non fibrous form 1344-28-1	not sensitising	Draize Test	guinea pig	Landsteiner & Jacobs Method
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO 64742-55-8	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Aluminium oxide - non fibrous form 1344-28-1	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Glycerol 56-81-5	negative negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test sister chromatid exchange assay in mammalian cells DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro	with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) OECD Guideline 482 (Genetic Toxicology: DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells In Vitro)
Glycerol 56-81-5	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Aluminium oxide - non fibrous form 1344-28-1		inhalation: dust		rat	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)
Glycerol 56-81-5	NOAEL=> 8,000 mg/kg	oral: feed	2 ydaily	rat	not specified

Section 12. Ecological information

General ecological information:

Do not empty into drains, soil or bodies of water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Aluminium oxide - non fibrous form 1344-28-1	LC50	> 100 mg/l	Fish	96 h	Salmo trutta	OECD Guideline 203 (Fish, Acute Toxicity Test)
Aluminium oxide - non fibrous form 1344-28-1	EC50	> 100 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Aluminium oxide - non fibrous form 1344-28-1	NOEC	> 100 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Aluminium oxide - non fibrous form 1344-28-1	EC50	> 100 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Aluminium oxide - non fibrous form 1344-28-1	EC0	> 1,000 mg/l	Bacteria			not specified
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO 64742-55-8	NOEC	> 5,000 mg/l	Fish	7 d	Pimephales promelas	
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO 64742-55-8	LC50	> 5,000 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), hydrotreated light paraffinic, <3% DMSO 64742-55-8	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Glycerol 56-81-5	LC50	> 44,000 mg/l	Fish	96 h	Pimephales promelas	not specified
Glycerol 56-81-5	EC50	> 10,000 mg/l	Daphnia	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Glycerol 56-81-5	EC50	> 10,000 mg/l	Algae		Scenedesmus quadricauda	OECD Guideline 201 (Alga, Growth Inhibition Test)
Glycerol 56-81-5	EC0	> 10,000 mg/l	Algae		Scenedesmus quadricauda	OECD Guideline 201 (Alga, Growth Inhibition Test)
Glycerol 56-81-5	EC0	10,000 mg/l	Bacteria	16 h		not specified

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Glycerol 56-81-5	readily biodegradable	aerobic	90 - 94 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Glycerol 56-81-5	-1.76					not specified

Section 13. Disposal considerations

- Waste disposal of product:** Dispose of according to Federal, State and local governmental regulations. Collection and delivery to recycling enterprise or other registered elimination institution.
- Disposal for uncleaned package:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road and Rail Transport:

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

General information:

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

Section 15. Regulatory information

- SUSMP Poisons Schedule** None
- AICS:** All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

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Disclaimer:

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