



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 04.09.2020

Version number 2

Revision: 04.09.2020

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name:** BikeCare Cleaner Cleaner without water
- **Article number:** 55130100530
- **UFI:** T6CF-UUAD-X20V-5T30
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Exterior vehicle cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
POLO Motorrad und Sportswear GmbH  
Polostr. 1  
41363 Jüchen  
  
Tel: 02165 84 40 200  
Fax: 01265 84 40 450  
E-Mail: info@polo-motorrad.com
- **Further information obtainable from:**  
Safety Department  
sicherheit@dr-stoecker.de
- **1.4 Emergency telephone number:**  
INTERNATIONAL: +49 (0) 6132 / 84463 (GBK Gefahrgut Büro GmbH, Ingelheim)

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Skin Sens. 1 H317 May cause an allergic skin reaction.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
2-methyl-2H-isothiazol-3-one  
Oxirane, 2-phenyl-, polymer with oxirane, mono-C12-14-alkyl ethers, phosphates
- **Hazard statements**  
H317 May cause an allergic skin reaction.

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· **Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read label before use.  
 P280 Wear protective gloves.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.  
 · **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

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

· **Dangerous components:**

CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	2.5-10%
CAS: 14858-73-2 EINECS: 238-925-9 Reg.nr.: 01-2119980070-45	Bis (2-ethylhexyl) carbonate Skin Irrit. 2, H315	2.5-10%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 Reg.nr.: 01-2119475108-36	2-butoxyethanol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.5-10%
CAS: 1437065-34-3	Oxirane, 2-phenyl-, polymer with oxirane, mono-C12-14-alkyl ethers, phosphates Skin Sens. 1B, H317	≤2.5%
CAS: 2682-20-4 EINECS: 220-239-6 Index number: 613-326-00-9	2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	≤2.5%

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

non-ionic surfactants

<5%

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perfumes (LINALOOL), preservation agents (BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4: First aid measures**

· **4.1 Description of first aid measures**

· **General information:**

Take affected persons out into the fresh air.

Immediately remove any clothing soiled by the product.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Seek immediate medical advice.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

#### **SECTION 5: Firefighting measures**

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** No special measures required.

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

#### **SECTION 6: Accidental release measures**

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

· **6.2 Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

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- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

<b>34590-94-8 Dipropylene glycol monomethyl ether</b>	
IOELV	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm Skin
<b>111-76-2 2-butoxyethanol</b>	
IOELV	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm Skin

· **DNELs**

<b>34590-94-8 Dipropylene glycol monomethyl ether</b>		
Oral	Long term - systemic effects, general population	1.67 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	65 mg/kg bw/day (worker)
	Long term - systemic effects, general population	15 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	310 mg/m <sup>3</sup> (worker)
	Long term - systemic effects, general population	37.2 mg/m <sup>3</sup> (general population)

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<b>14858-73-2 Bis (2-ethylhexyl) carbonate</b>		
Oral	Long term - systemic effects, general population	6.88 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	45,833 mg/kg bw/day (worker)
	Long term - systemic effects, general population	27,500 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	80 mg/m <sup>3</sup> (worker)
	Long term - systemic effects, general population	23.87 mg/m <sup>3</sup> (general population)
<b>67-63-0 propan-2-ol</b>		
Oral	Long term - systemic effects, general population	26 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	888 mg/kg bw/day (worker)
	Long term - systemic effects, general population	319 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	500 mg/m <sup>3</sup> (worker)
	Long term - systemic effects, general population	89 mg/m <sup>3</sup> (general population)
<b>111-76-2 2-butoxyethanol</b>		
Oral	Acute - systemic effects, general population	26.7 mg/kg bw/day (general population)
	Long term - systemic effects, general population	6.3 mg/kg bw/day (worker)
Dermal	Acute - systemic effects, worker	89 mg/kg (worker)
	Long-term - systemic effects, worker	125 mg/kg bw/day (worker)
	Acute - systemic effects, general population	89 mg/kg (general population)
	Long term - systemic effects, general population	75 mg/kg bw/day (general population)
Inhalative	Acute - local effects, worker	246 mg/m <sup>3</sup> (worker)
	Acute - systemic effects, worker	1,091 mg/m <sup>3</sup> (worker)
	Long-term - systemic effects, worker	98 mg/m <sup>3</sup> (worker)
	Acute - systemic effects, general population	426 mg/m <sup>3</sup> (general population)
	Acute - local effects, general population	147 mg/m <sup>3</sup> (general population)
	Long term - systemic effects, general population	59 mg/m <sup>3</sup> (general population)
<b>· PNECs</b>		
<b>34590-94-8 Dipropylene glycol monomethyl ether</b>		
Aquatic compartment - freshwater		19 mg/l (Sweet Water / Süßwasser)

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Aquatic compartment - marine water	1.9 mg/l (marine water)
Aquatic compartment - water, intermittent releases	190 mg/l (intermittent release water)
Aquatic compartment - sediment in freshwater	70.2 mg/kg sed dw (Sweet Water / Süßwasser)
Aquatic compartment - sediment in marine water	7.02 mg/kg sed dw (marine water)
Terrestrial compartment - soil	2.74 mg/kg dw (soil)
sewage treatment plant	4,168 mg/l (sewage treatment plant)
<b>67-63-0 propan-2-ol</b>	
Aquatic compartment - freshwater	140.9 mg/l (Sweet Water / Süßwasser)
Aquatic compartment - marine water	140.9 mg/l (marine water)
Aquatic compartment - water, intermittent releases	140.9 mg/l (intermittent release water)
Aquatic compartment - sediment in freshwater	552 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	552 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil	28 mg/kg dw (soil)
sewage treatment plant	2,251 mg/l (sewage treatment plant)
Oral secondary poisoning	160 mg/kg food (food sec poisoning)
<b>111-76-2 2-butoxyethanol</b>	
Aquatic compartment - freshwater	8.8 mg/l (freshwater)
Aquatic compartment - marine water	0.88 mg/l (marine water)
Aquatic compartment - water, intermittent releases	9.1 mg/l (intermittent release water)
Aquatic compartment - sediment in freshwater	34.6 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	3.46 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil	2.33 mg/kg dw (soil)
sewage treatment plant	463 mg/l (sewage treatment plant)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working.

· **Respiratory protection:** Not required.

· **Protection of hands:** Protective gloves

· **Material of gloves**

Butyl rubber, BR

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation

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of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling

### SECTION 9: Physical and chemical properties

**· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:**

Form: Fluid

Colour: White

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 5.75 (DIN 19268)

**· Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 190 °C

· **Flash point:** >62 °C

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

**· Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Oxidising properties:** Not applicable.

· **Vapour pressure:** Not determined.

· **Density at 20 °C:** 0.98 g/cm<sup>3</sup> (DIN 51757)

· **Relative density:** Not determined.

· **Vapour density:** Not determined.

· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with water:**

Fully miscible.

· **Partition coefficient: n-octanol/water:** Not determined.

**· Viscosity:**

Dynamic: Not determined.

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- Kinematic:** Not determined.  
**9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

<b>34590-94-8 Dipropylene glycol monomethyl ether</b>		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rab)
<b>14858-73-2 Bis (2-ethylhexyl) carbonate</b>		
Oral	LD50	>2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
<b>67-63-0 propan-2-ol</b>		
Oral	LD50	4,570 mg/kg (rat) (OECD 401)
Dermal	LD50	13,400 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/4 h	30 mg/l (rat) (OECD 403)
<b>111-76-2 2-butoxyethanol</b>		
Oral	LD50	1,414 mg/kg (pd) 1,746 mg/kg (rat)
Dermal	LD50	2,270 mg/kg (rab)
Inhalative	LC50/4 h	10-20 mg/l (rat)
<b>2682-20-4 2-methyl-2H-isothiazol-3-one</b>		
Oral	LD50	391 mg/kg (rat)
Dermal	LD50	326 mg/kg (rabbit)

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**· Specific symptoms in biological assay:****67-63-0 propan-2-ol**

Oral	Subakut NOAEL	900 mg/kg (rat) (OECD 408) 90 d
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**· Primary irritant effect:**

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information****· 12.1 Toxicity****· Aquatic toxicity:****14858-73-2 Bis (2-ethylhexyl) carbonate**

NOEC 72 h	>0.0214 mg/l ( <i>Desmodesmus subspicatus</i> )
LC50/96 h	>0.0234 mg/l ( <i>Danio rerio</i> )
EC50/48 h	>0.0197 mg/l ( <i>Daphnia magna</i> )
EC50/72 h	>0.0214 mg/l ( <i>Desmodesmus subspicatus</i> )

**67-63-0 propan-2-ol**

LC50	9,714 mg/l ( <i>Daphnia magna</i> ) (24 h)
LC50/48 h	>100 mg/l ( <i>Leuciscus idus</i> )
EC50	>100 mg/l (Bacteria)
LC50/96 h	9,640 mg/l ( <i>Pimephlas promelas</i> )
EC50/48 h	>100 mg/l ( <i>Daphnia magna</i> )
EC50/72 h	>100 mg/l ( <i>Scenedesmus subspicatus</i> )

**111-76-2 2-butoxyethanol**

EC0/16 h	700 mg/l ( <i>Pseudomonas putida</i> )
EC50	>700 mg/l ( <i>Pseudomonas putida</i> ) 16h
LC50/96 h	1,474 mg/l ( <i>Oncorhynchus mykiss</i> ) (OECD 202)
EC50/48 h	1,550 mg/l ( <i>Daphnia magna</i> ) (OECD 202)
EC50/72 h	911-1,840 mg/l ( <i>Pseudokrichneriella subcapitata</i> )

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**2682-20-4 2-methyl-2H-isothiazol-3-one**

NOEC 21 d	0.04 mg/l ( <i>Daphnia magna</i> )
LC50/96 h	4.77 mg/l ( <i>Oncorhynchus mykiss</i> )
EC50/48 h	0.93-1.9 mg/l ( <i>Daphnia magna</i> )
EC50/72 h	0.158 mg/l ( <i>Selenastrum capricornutum</i> )
EC50/3h	34.6 mg/l (bel) (DIN 38412-3)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**SECTION 14: Transport information**

- **14.1 UN-Number**
- **ADR, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:** Not applicable.
- **14.6 Special precautions for user** Not applicable.

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- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- **UN "Model Regulation":** Void

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
  - H225 Highly flammable liquid and vapour.
  - H301 Toxic if swallowed.
  - H302 Harmful if swallowed.
  - H311 Toxic in contact with skin.
  - H312 Harmful in contact with skin.
  - H314 Causes severe skin burns and eye damage.
  - H315 Causes skin irritation.
  - H317 May cause an allergic skin reaction.
  - H318 Causes serious eye damage.
  - H319 Causes serious eye irritation.
  - H330 Fatal if inhaled.
  - H332 Harmful if inhaled.
  - H336 May cause drowsiness or dizziness.
  - H400 Very toxic to aquatic life.
  - H410 Very toxic to aquatic life with long lasting effects.

- **Department issuing SDS:** Department R&D

- **Contact:** Department R&D

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised 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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

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*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 2: Flammable liquids – Category 2*

*Acute Tox. 3: Acute toxicity - oral – Category 3*

*Acute Tox. 4: Acute toxicity - oral – Category 4*

*Acute Tox. 2: Acute toxicity - inhalation – Category 2*

*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*Skin Sens. 1: Skin sensitisation – Category 1*

*Skin Sens. 1A: Skin sensitisation – Category 1A*

*Skin Sens. 1B: Skin sensitisation – Category 1B*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

**\* Data compared to the previous version altered.**