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Safety Data Sheet according to 91/155/EEC - ISO 11014-1

## BRIAL ACTION PLUS

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### 1. Identification of the product and of the company

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Identification of the product:

**BRIAL ACTION PLUS**

All purpose cleaner – highly concentrated for professional use

Company/undertaking identification:

Ecolab Ltd

David Murray John Building

Swindon

Wiltshire SN1 1NL

Telephone: 01793 511221

### 2. Composition/information on ingredients

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Declaration according to recommendation 89/542/EEC:

below 5 %: anionic surfactants, non-ionic surfactants,

Further ingredients: isopropanol, auxiliaries, dyes and fragrances.

Declaration of ingredients:

1-5 % alkylglycoside

Symbol: Xi

R-Phrases: 41

CAS-No.: 68515-73-1

1-5 % Fatty alcohol sulphate, ethoxylate

Symbol: Xi

R-phrase: 36/38

EINECS: Polymer

5-15 % Propanol-2

Symbol: Xi, F

R-phrase: 11-36-67

EINECS: 200-661-7

### 3. Hazards identification of the product

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The product is not classified as hazardous under CHIP.

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### 4. First aid measures

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after inhalation:

Remove to fresh air

after skin contact:

Rinse with running water.

after eye contact:

Immediately flush eyes with copious amounts of running water (for 10 minutes), if necessary see an oculist.

after ingestion:

Rinse out mouth, drink 1-2 glasses of water, seek medical advice.

### 5. Fire fighting measures

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Suitable extinguishing media:

suitable for all regular extinguishing materials

Extinguishing media which must not be used for safety reasons:

none known

Special exposure hazards arising from the product itself, from combustion products or from resulting gases:

none known

Special protective equipment for fire-fighters:

no special measures necessary

### 6. Accidental release measures

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Personal precautions:

not required

Environmental precautions:

The product may not be allowed to enter water without prior treatment (biological waste treatment plant).

Methods of cleaning up/of removing:

Remove mechanically, wash away residue with plenty of water;

### 7. Handling and storage

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Handling:

no special measures required

Storage:

no special measures required

## BRIAL ACTION PLUS

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### 8. Exposure controls / personal protection

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Components with specific control parameters: none

Exposure at the workplace can be excluded in normal processing procedures.

Personal protection:

no protective equipment required

### 9. Physical and chemical properties

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Physical state: liquid  
Colour: blue  
Odour: pleasantly fresh

pH: (undiluted) (20°C) 5.5 (at 10g/l H<sub>2</sub>O) (20°C) 7.2

Flash point: 30°C DIN 51755 (Abel-Pensky)

Relative density: (20°C) 0.99 g/cm<sup>3</sup>

Solubility: (20°C) miscible in water

Viscosity: (20°C) 28 sec DIN-Cup 3mm

### 10. Stability and reactivity

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Conditions to avoid:

No decomposition if used according to specifications

Materials to avoid:

None known if used for intended purpose

Hazardous decomposition products:

None if used for intended purpose

### 11. Toxicological information

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In case of appropriate handling and application no disadvantageous effects for health have been reported.

### 12. Ecological information

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Persistence and degradability:

This product contains surfactants which are at least 90 % biodegradable.

## BRIAL ACTION PLUS

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### 13. Disposal considerations

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May be disposed of via the municipal wastewater system in compliance with local authority regulations.

### 14. Transport information

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#### Transport over land ADR/RID:

Class: 3 PG: III Classification Code: F1

1st numbering of tanks panel: 30

2nd numbering of tanks panel: 1993

Designation of goods:

UN 1993 Flammable liquid, n.o.s. (contains Isopropanol)

Exemption from the dangerous goods regulation of the above mentioned class due to application of the a-marginal number (limited quantities regulation). It is valid for the following products which are transported in the complete original packaging: 1 and 2 L

#### Transport over inland waterways ADN/ADNR:

Class: 3 PG: III

Designation of goods:

UN 1993 Flammable liquid, n.o.s. (contains Isopropanol)

#### Transport over sea IMDG:

Class: 3 UN-No.: 1993 PG: III

EmS: P- E, S-E

Proper shipping name:

Flammable liquid, n.o.s. (contains Isopropanol)

#### Transport by air ICAO/IATA:

Class: 3 UN/ID-No.: 1993 PG: III

Pkg-Instr. (passengerair.): 309

Pkg-Instr.(cargo air. only): 310

Proper shipping name:

Flammable liquid, n.o.s. (contains Isopropanol)

### 15. Regulatory information

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Classification and labelling according to CHIP:

Symbols of danger:

Not classified as hazardous

R-phrases:

not applicable

S-phrases:

not applicable

## BRIAL ACTION PLUS

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National prescriptions:

The Control of Substances Hazardous to Health Regulations  
Health and Safety at Work Act

### 16. Other information

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Full text of the R-phrases indicated by codes in this safety data sheet. The product code/identification/designation is indicated in Section 15.

R 11: Highly flammable

R 36: Irritating to eyes

R 36/38: Irritating to eyes and skin.

R 41: Risk of serious damage to eyes

R 67: Vapours may cause drowsiness and dizziness.