

1. Identification of the substance/mixture & of the company/undertaking

1.1 Product Identifier

Product Name: Rinse Aid
Product Code: DWR020DEL01R / DWR050DEL01R / DWR200DEL01R (concentrate)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture: Rinse additive.
Recommended restrictions on use: We do not have information on restrictions. They will be included when available.

1.3 Details of the supplier of the safety data sheet

Company: Delphis Eco, Unit 1, River Reach, Gartons Way, London SW11 3SX

1.4 Emergency telephone number

Emergency phone number: t. 0203 397 0096 (office hours only) f. 0870 974 7219 e: sales@delphiseco.com

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to EU Directive 1999/45/EC

Hazard Symbol/Category of danger	Risk Phrases
None	None

Classification according to Regulation (EC) No 1272/2008: Refer to Section 16.
For the wording of the listed R phrases or H statements, refer to section 16.

2.2 Label elements

Labelling according to EU Directive 1999/45/EC
Safety Phrases S2: Keep out of reach of children.
S24/25: Avoid contact with skin and eyes.

Labelling according to Regulation (EC) No 1272/2008: Refer to Section 16.

2.3 Other hazards

No other information is available

3. Composition/Information on Ingredients

3.2 Mixtures

Ingredient Name	Identifiers	Classification 67/548/EEC	Classification EC/1272/2008	Concentration Range
Alkyl Alcohol Ethoxylate	EC – Polymer CAS – Not given	Irritant R36/38	Skin Irritation 2 H315 Eye Irritation 2 H319	5-10%
Propan-2-ol	EC – 200-661-7 CAS – 67-63-0	Highly Flammable R11 Irritant R36 R67	Flam Liquid 2 H225 Eye Irritation 2 H319 STOT SE3 H336	5-10%
Citric Acid	EC – 201-069-1 CAS – 5949-29-1	Irritant R36	Eye Irritation 2 H319	5-15%
Sodium Xylene Sulphonate	EC – 215-090-9 CAS – 1300-72-7	Irritant R36/38	Skin Irritation 2 H315 Eye Irritation 2 H319	1-5%

For the wording of the listed R phrases or H statements, refer to section 16.

4. First Aid Measures

4.1 Description of first aid measures

Eye contact: Avoid contact with eyes, if product gets into eyes, rinse with water.
Skin contact: Avoid contact with skin, if product gets onto skin wash with water and remove contaminated clothing.
Ingestion: Do not drink, if swallowed drinking water may be beneficial, do not induce vomiting.
Inhalation: Avoid inhaling product, move to fresh air if in discomfort.

Product name: Rinse Aid
Product code: DWR020DEL01R / DWR050DEL01R / DWR200DEL01R
Page: 2 of 5

4.2 Most important symptoms and effects, both acute and delayed

No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Foam, Dry Powder, Co2, fine water spray suitable.
Unsuitable Extinguishing Media: None

5.2 Special hazards arising from the substance or mixture

Not classed as flammable, if involved in a fire may emit noxious fumes.

5.3 Advice for fire fighters

Wear self contained breathing apparatus and protective clothing. Cool closed containers exposed to the fire with water spray. Prevent water run-off from discharging into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Use protective clothing, chemical eye goggles and PVC or rubber gloves. Avoid contact with skin and eyes.

6.2 Environmental precautions

Inform authorities in case of contamination of water or sewage system. Do not allow product to soak into drains or water courses.

6.3 Methods and materials for containment and cleaning up

Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

6.4 Reference to other sections

For personal protection refer to section 8.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Keep in tightly closed containers. Take note of emission threshold.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store between 10-35°C. Protect from frost. Do not store in extremes of temperature or near foodstuffs.

7.3 Specific end uses

To be used as an rinse additive and general cleaner

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredient Name	8hr TWA	15min STEL
Propan-2-ol	WEL 400ppm	500ppm

8.2 Exposure controls

Respiratory Protection: Unlikely to be necessary where adequate ventilation is provided.
Eyes: Eye protection should be worn.
Hand: PVC or rubber gloves are recommended.
Skin: Remove contaminated clothing and wash with soap and water.

8.2.3 Environmental exposure controls

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

our safety data sheet for...



Product name: Rinse Aid
Product code: DWR020DEL01R / DWR050DEL01R / DWR200DEL01R
Page: 3 of 5

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Clear Water White Fluid
Odour: Bland/Detergent
Odour Threshold: Not determined
pH Neat: 3.00 typical
Freezing Point: 0°C
Initial Boiling Point & Boiling Range: 100°C
Flash Point: >65°C
Evaporation rate: Not determined
Flammability: Non flammable
Upper/Lower Flammability Limits: Not determined
Vapour Pressure: Water=18mm Hg
Vapour Density: Not determined
Relative Density: 1.036 typical @ 20°C
Solubility: Soluble in water
Partition Coefficient (Oct/Water): Not determined
Auto Ignition Temperature: Not determined
Decomposition Temperature: Not determined
Viscosity: Not determined
Explosive Properties: Not determined
Oxidising Properties: Not applicable

9.2 Other Information

No other information available.

10. Stability and Reactivity

10.1 Reactivity

No information available.

10.2 Chemical Stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to Avoid

High temperatures, naked flames.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Product is stable under normal conditions.

11. Toxicological Information

11.1 Information on toxicological effects

Eyes: Product is not classified as an eye irritant. Contact with the product is likely to cause irritation and stinging.
Skin: Product is not classified as a skin irritant. Brief or occasional contact is unlikely to cause any significant reaction. Prolonged or repeated contact with the product may lead to de-fatting of the skin and/or slight irritation.
Inhalation: Unlikely to present any significant hazard at ambient temperature. Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.
Ingestion: Low order of acute toxicity. Ingestion of this product is not regarded as a significant health hazard, likely to arise in normal use. Swallowing of significant amounts may lead to vomiting and diarrhoea.

Acute Toxicity:	Propan-2-ol	LD50 Oral (rat)	>5000 mg/kg
	Citric Acid	LD50 Oral (rat)	>2000 mg/kg

our safety data sheet for...



Product name: Rinse Aid
Product code: DWR020DEL01R / DWR050DEL01R / DWR200DEL01R
Page: 4 of 5

12. Ecological Information

12.1 Toxicity

Eco-toxicity:	Propan-2-ol	LC50 96hrs (fish)	>100 mg/l
		EC50 48hrs (daphnia)	>100 mg/l

12.2 Persistence and Degradability

The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the Competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bio-accumulative potential

Not expected to bio-accumulate.

12.4 Mobility in soil

Soluble in water.

12.5 Results of PBT and vPvB assessment

No information.

12.6 Other adverse effects

Not known.

13. Disposal Recommendations

13.1 Waste treatment methods

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations. Dispose of empty containers in accordance with local and national regulations. Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

14. Transport Information

Product is not classified as hazardous for transport.

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling in accordance with the Detergents Directive EC 648/2004:
5% or over but less than 15% nonionic surfactants.
Less than 5% anionic surfactants.

Safety data sheet according to Regulation (EC) No. 453/2010. This mixture has been classified and labelled in accordance with 1999/45/EC. Classification in accordance with EC 1272/2008 is derived from Annex VII in accordance with Article 61 paragraph 5. 1907/2006/EC - Registration, Evaluation, Authorisation and Restriction of Chemicals and amendments. 98/24/EC - Protection of workers from the risk related to chemical agents at work. Refer to Directive for details of requirements. 1272/2008 - Classification, labelling and packaging of substances and mixtures and amendments. Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s). The regulatory information provided may not be comprehensive. Other regulations may apply to this product.

15.2 Chemical safety assessment

No information at the present time.

16. Other Information

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Category	Hazard Statements
None	None	None

Labelling according to Regulation (EC) No 1272/2008

Hazard Symbols	Signal word	Hazard Statements
None	None	None

our safety data sheet for...



Product name: Rinse Aid
Product code: DWR020DEL01R / DWR050DEL01R / DWR200DEL01R
Page: 5 of 5

Precautionary Statements:

General:
Prevention: P262: Do not get in eyes, on skin or on clothing.

Full text of R-phrases referred to under sections 2 & 3:

R11: Highly Flammable.
R36: Irritating to the eyes.
R67: Vapours may cause drowsiness and dizziness.
R36/38: Irritating to eyes and skin.

Full text of H-Statements referred to under sections 2 & 3:

H225: Highly flammable liquid and vapour.
H315: Causes skin irritation.
H319: Causes serious skin irritation.
H336: May cause drowsiness or dizziness.

Training Advice: Normal use of this product shall imply use in accordance with the instructions on the packaging. Users should be trained in good industrial hygiene practise. This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

Do not mix with other chemicals.

Date: 08.04.14

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Revision Number: 5.0

msds according to regulation (EC) no. 453/2010