



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of Substance or Preparation

Trade Name: Finish Dishwasher Cleaner

Preparation Name: Finish Dishwasher Cleaner "Classic"
Finish Dishwasher Cleaner "Orange"

Product Format:

1.2 Use of the substance / preparation:

Dishwasher Cleaner for Domestic Dishwashers

1.3 Company / Supplier Identification

Reckitt Benckiser UK
Delta Business Park
1200 Welton Road
Swindon
Wiltshire
SN5 7XZ

Tel: +44 (0)8457 697079

1.3.1 Distributor In Republic Of Ireland:

F A Wyatt
Unit 9
Keypoint Business Park
Ballycoolin Road
Blanchards Town
Dublin 11

Tel: +353 (0) 166 173 18

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Components in Product

Component Name	CAS-Nr	EINECS-Nr.	Concentration	R Phrases	Classification
Non-ionic Surfactants	68154-97-2	n.a.	< 5 %	-	-
Citric Acid	77-92-9	201-069-1	15 – 30 %	R36	Xi
Perfume	Na	Na	<=0.2%	Na	Na

Explanation of Risk phrases: see chapter 16

3. HAZARD IDENTIFICATION

Main Hazards

Not classified as hazardous following 1999/45/EC.

Hazards Eyes

May irritate the eyes.

4. FIRST AID MEASURES

General Remarks

Remove soiled clothing.

First Aid – Eyes

Rinse immediately with plenty of water for 15 minutes (open eyelids). Seek medical advice.

First Aid – Skin

Wash skin with water.

First Aid – Ingestion

Wash out mouth with water. Drink plenty of water. Do not induce vomiting. Seek medical advice.

First Aid – Inhalation

If adverse effects after breathing fumes: fresh air. Seek medical attention if you feel unwell.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide.

Protective Equipment for Fire-Fighting

No special requirements.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin and eyes. Wear appropriate protective clothing.

Environmental Precautions

Try to prevent the material from entering drains or water courses.

Spillages

Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Dispose accordingly to the local obligations. Remaining residues could be rinsed using plenty of water.

7. HANDLING AND STORAGE

Handling

Careful handling of chemicals is required as in general.

Storage

Keep locked and dry.

Storage Classification

Storage in steel containers not recommended.
12 (Non-combustible liquid following German VCI concept).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection	PVC or rubber gloves. Permeation level 6, Penetration level 3 following EN374, taking into consideration the exposure of chemicals given in chapter 2.
Eye Protection	Close fitting safety goggles, e.g. DIN 234/Roth
Body Protection	Suitable protecting clothing required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Blue or Orange
Odour	Mint-Like or Citrus-Like
pH (as is)	0.7 - 1.3
pH at 1 % w/w in water	2.1 - 2.7
Acidic reserve	Not corrosive, supported by in-vitro test.
Boiling Range/Point (°C)	> 100 °C
Cloud Point (°C)	44 °C
Melting Point (°C)	-3 °C
Solubility in Water (kg/m ³)	Completely soluble.
Density (g/L)	1000 – 1200 at 20 °C.
Viscosity	250 – 300 mPas (20 °C, RV Spindle 2, 50 rpm)

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. No unusual reactivity.
Conditions to Avoid	Temperatures in excess of 40 °C.
Materials to Avoid	Development of heat in presence of bases. Storage in steel containers not recommended. During reaction with metals (iron, zinc) hydrogen evaporation. During reaction with NaOCl chlorine evaporation.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral LD50 (rat) > 2000 mg/kg (based on raw materials).
Irritancy – Eyes	May causes irritation because of acidity.

12. ECOLOGICAL INFORMATION

General Remarks	The surfactant incorporated complies with requirements of the EU Detergent Regulation 648/2004/EC.
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13. DISPOSAL

Product Disposal	Disposal should be in accordance with local, state or national legislation, e.g. to landfill.
Container Disposal	Cleaned to landfill, recycling or incinerator.
Waste Material Code EU:	20 01 14

14. TRANSPORT INFORMATION

General remarks	Not classified as dangerous under transport regulations (ADR/RID, IMDG, IATA-DGR).
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15. REGULATORY INFORMATION

Labelling according to the detergent regulation 648/2004/EC.

Classic: Non-Ionic surfactants: Less than 5%.
Perfume.

Orange: Non-Ionic surfactants: Less than 5%.
Perfume. Limonene.

Labelling Information None

Voluntary safety advices	Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
EC Annex I Classification	Do not use with chlorine based cleaners.
Classification following	Not classified as dangerous. 88/379/EEC and 1999/45/EC

16. OTHER INFORMATION

Safety data sheet referring to	91/155/EC, 93/112/EC and 2001/58/EC
MSDS first issued	4.8.2003
MSDS data revised	28.11.2005
Reason for revision	A.I.S.E. Icons

Risk phrases and symbols allocated to ingredients (see chapter 2)

-	No risk phrase, not classified
R36	R36 Irritating to eyes
-	Not classified as dangerous.
Xi	Xi Irritant

Voluntary Labelling Consumer Information using one or more icons following the A.I.S.E. Charter for Sustainable Development may be displayed on packages additionally



Keep away from children.



Keep away from eyes. If product gets into eyes rinse thoroughly with water.



Do not ingest. If product is ingested then seek medical advise



Do not mix with other products.

Internet information

An ingredient declaration following Detergent Regulation 648/2004/EC, annex VII D is available on internet

<http://www.rbeuroinfo.com>

Footnote

The information given in this data sheet is believed to be true and correct. This document is not intended for quality assurance purposes. Safety data sheet compiled by:

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