

PRODUCT SAFETY DATA SHEET



1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY IDENTIFICATION.

Trade Name:

FINISH Rinse Aid Shine & Dry - Regular

Product Identification Code

① 03635-01009-Xi

Product Format:

Liquid

Product Use:

Rinse aid for domestic dishwashers

Supplier in UK:Reckitt Benckiser
Wellcroft House
Wellcroft Road
Slough,
Berkshire
SL1 4AQ**Supplier in The Republic Of Ireland:**Reckitt Benckiser Ireland Ltd
7 Riverwalk
Citywest Business Campus
Dublin 24
Ireland**Contact Telephone:** 0845 769 7079**Contact Telephone:** 01 661 7318**Contact Email:** consumer.relations-ukroi@reckittbenckiser.com**Date Issued:** 21 Dec 2010 **RB Ref No:** 3532822601 **Issue:** 1 **RB parent code:** D0181772 v5 +
0184685 v2 **Revisions:** New product

2. HAZARDS IDENTIFICATION.

In accordance with local and national regulations: The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Symbol(s) Xi - Irritant

Most important hazards

R-phrases(s) R36 - Irritating to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical nature of the preparation This product contains:

Chemical Name	CAS-No	EINECS / ELINCS	REACH-No	Proportion (% w/w)	Classification
Polyoxyethylene trimethyldecyl alcohol	69011-36-5	None assigned	No information available	5 % - 10 %	Xi;R41 Xn;R22
Alcohols, C13-15-branched and linear, butoxylated ethoxylated	111905-53-4	None assigned	No information available	1 % - 5 %	Xi;R36/38 N;R50
Citric acid	77-92-9	EINECS: 201-069-1	No information available	1 % - 2.5 %	Xi;R36

Other ingredients may be present as being disclosed by the ingredient declaration on package.

For the full text of the R phrases mentioned in this Section, see Section 16.



4. FIRST-AID MEASURES.

General advice	Immediate medical attention is required in case of contact with eyes. Show this safety data sheet to the doctor in attendance.
Skin Contact	Wash off immediately with plenty of water.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Rinse mouth. Drink plenty of water. Do not induce vomiting. Consult a physician.
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Use personal protective equipment.

5. FIRE-FIGHTING MEASURES.

Flash point:	See section 9
Suitable Extinguishing Media:	All extinguishing media can be used.
Precautions for fire-fighting	Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES.

Personal Precautions:	Use personal protective equipment. Avoid contact with the skin and the eyes. Wear gloves and safety goggles.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Large spills: Contain and collect for later disposal according to local, state, provincial and federal regulations. Local authorities should be advised if significant spillages cannot be contained.
Methods for Cleaning up:	Mop up spill and wash area with detergent and water.

7. HANDLING AND STORAGE.

Handling:	Wear personal protective equipment. Avoid contact with skin and eyes. Wear gloves and safety goggles..
Storage:	Protect against frost.
Storage Classification	12 (=Non-combustible liquids, following German VCI-concept)

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Occupational exposure controls

Engineering Controls: No information available.

Personal Protective Equipment

Respiratory Protection: No special protective equipment required.

Eye Protection Tightly fitting safety goggles

Hand Protection: Impervious gloves.
Permeation level 6, Penetration level 3 following EN374, taking into consideration the exposure of chemicals given in chapter 3.

Skin and Body Protection: Usual safety precautions while handling the product will provide adequate protection.

Hygiene measures When using, do not eat, drink or smoke.]

Environmental exposure controls

Do not allow material to contaminate ground water system



9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical State:	Liquid.
Appearance:	Liquid.
Colour:	Colourless or Yellow
Odour:	None or perfumed, typical to meet the Tradename descriptor
pH	3.0 (100%)
Boiling Point/Range:	No information available
Specific Gravity / Density [g/mL]:	1.01 - 1.03
Flash Point:	Not applicable

10. STABILITY AND REACTIVITY.

Stability	Stable under normal conditions.
Conditions to Avoid:	Keep from freezing.
Hazardous Decomposition Products:	Oxides of carbon and unknown organic compounds.
Polymerization:	No information available.

11. TOXICOLOGICAL INFORMATION.

PRODUCT TOXICITY DATA

LD ₅₀ Oral:	>6000 mg/kg (rat) estimated
LD ₅₀ Dermal:	>2000 estimated mg/kg (rat)
LC ₅₀ Inhalation (Dust):	No information available
LC ₅₀ Inhalation (Vapor):	No information available

ACUTE EFFECTS

Eye Irritation	Irritating to eyes.
Skin Irritation	None expected during normal conditions of use.
Inhalation	None expected during normal conditions of use.
Ingestion	Health injuries are not known or expected under normal use.
Sensitization	Not expected to be a skin sensitiser.
Chronic Effects	No information available.

Specific Effects

Carcinogenic Effects:	Not listed as carcinogenic by OSHA, NTP or IARC.
Mutagenic Effects	No information available.
Reproductive Toxicity:	No information available.
Additional Toxicity Information:	Information given is based on data on the components and the toxicology of similar products.

COMPONENT TOXICITY DATA

Chemical Name	CAS-No	LD50 Oral - with units - Rat - mg/kg	LD50 Dermal - With Units - Rat/Rabbit - mg/kg	LC50 Inhalation - With units - Rat/Rabbit
Polyoxyethylene trimethyldecyl alcohol	69011-36-5	500	2001	
Citric acid	77-92-9	3000 mg/kg (Rat)		

12. ECOLOGICAL INFORMATION.

Ecotoxicity:

Ecological Information: Indication of danger to water:
 - Germany: WGK = 2 (for bulk material).
 Not applicable for product in domestic type pack sizes.

PRODUCT TOXICITY DATA

Aquatic toxicity: Aquatic life may be affected by pH change from this product.

COMPONENT TOXICITY DATA

Citric acid
Freshwater Fish LC50 96 h *Lepomis macrochirus* 1516 mg/L
Water Flea EC50 72 h 120 mg/L

Other Information

Ozone depletion potential; ODP; No information available.
 (R-11 = 1)

Global Warming Potential (GWP): No information available.

Additional Ecological Information: Any contained surfactants are ultimately biodegradable according to the EU Detergent Regulation, 648/2004.

13. DISPOSAL CONSIDERATIONS.

Disposal Methods and Containers: Bulk quantities of product must be disposed of according to Local, State and Federal regulations.

Special Precautions for Landfill or Incineration: No information available

Contaminated Packaging: Offer rinsed packaging material to local recycling facilities.

Further information: Packaging and container to be recycled only if emptied completely!

EWC waste disposal No: 200129 - detergents containing dangerous substances

14. TRANSPORT INFORMATION.

General remarks Not classified as dangerous in the meaning of transport regulations. For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION.

Chemical Safety Assessment following regulation 1907/2006/EC: Not relevant.

In accordance with local and national regulations: The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Symbol(s)

Xi - Irritant



R -phrase(s)

R36 - Irritating to eyes

S -phrase(s)

S 2 - Keep out of the reach of children
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S46 - If swallowed, seek medical advice immediately and show this container or label
S35 - This material and its container must be disposed of in a safe way

16. OTHER INFORMATION.

The Product Identification Code (in Section 1) is in conformance with EN 15178 for the identification of products in emergency enquiries.

Text of R phrases mentioned in Section 3

- R41 - Risk of serious damage to eyes.
 - R22 - Harmful if swallowed.
 - R50 - Very toxic to aquatic organisms.
 - R36 - Irritating to eyes.
 - R36/38 - Irritating to eyes and skin.
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This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product. All information contained herein is only to assist the recipient in fulfilling their statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which they remain the sole person responsible.