

RECKITT BENCKISER

MATERIAL SAFETY DATA SHEET

Reference: HSFDC

Creation date: 11 December 2001

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1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT : FINISH DISHWASHER CLEANER
Product for cleaning dishwashing machines

Company

Reckitt Benckiser UK Ltd
Delta 1200, Welton Road
Delta Business Park
Swindon, Wiltshire, SN5 7XZ
Tel 01793 732000
Fax 01793 - 511572

2 COMPOSITION /INFORMATION ON INGREDIENTS

Component	Concentration	R Phrase	Classification	CAS No
Non-ionic surfactants	5-15%	-	-	-
Citric Acid	< 5%	R36	Xi	77-92-9
Amidosulfonic Acid	< 5%	R36/38	Xi	5329-14-6

3 HAZARDS IDENTIFICATION

Main Hazards: Not classified as hazardous

(Amended 19 December 2001)

For all correspondence please write to: Reckitt Benckiser, PO Box 118, Clevedon, BS21 7ZH
Tel: 0845 7697079

Head office: Reckitt Benckiser (UK) Limited, Delta 1200, Welton Road, Delta Business Park, Swindon, Wiltshire SN5 7XZ
Registered Office: 103-105 Bath Road, Slough, Berkshire SL1 3UH Reg. No. 3982446

4 FIRST AID MEASURES

- Eyes: Rinse immediately with plenty of water for 15 minutes (open eyelids). Seek medical advice.
- Skin: Wash skin with water.
- Ingestion: Wash out mouth with water. Drink plenty of water. Do not induce vomiting. Seek medical advice.
- Inhalation: If adverse effects after breathing fumes: fresh air. Seek medical attention if you feel unwell.
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5 FIRE FIGHTING MEASURES

Extinguishing Media:
Use water spray, foam, dry chemical or carbon dioxide.

Protective Equipment for Firefighting:
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 watercourses.

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

7 STORAGE AND HANDLING

Handling:
Use in well ventilated area. Careful handling of chemicals is required as in general.

Storage:
Keep closed and dry.

8 EXPOSURE CONTROLS / PERSONAL PROTECTING MEASURES

<u>Hand Protection:</u>	Gloves (rubber, PVC or other synthetic material).
<u>Eye Protection:</u>	Safety goggles
<u>Body Protection:</u>	Suitable protective clothing required.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Amber, almost colourless
Odour	Perfumed
pH as is	1.05
pH at 1% w/w in water	2.4
Boiling range/point	> 100°C
Melting Point	-3°C
Solubility in water	Completely soluble
Density	1057 at 20°C
Viscosity	6mPas (20°C, sp. 1/60 rpm)

10 STABILITY AND REACTIVITY

<u>Stability:</u>	Stable under normal conditions. No unusual reactivity.
<u>Conditions to Avoid:</u>	Temperatures in excess of 50°C
<u>Materials to Avoid:</u>	Development of heat in presence of bases. During reaction with metals (iron, zinc) hydrogen evaporation. During reaction with NaOCl chlorine evaporation.

11 TOXICOLOGICAL INFORMATION

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

12 ECOLOGICAL INFORMATION

General Remarks:
Because of pH-change danger for aquatic life possible. The surfactant incorporated complies a biodegradability of at least 90%.

13 DISPOSAL CONSIDERATION

Product Disposal: Landfill
Container Disposal: Cleaned to landfill and incinerator.

14 TRANSPORT INFORMATION

General Remarks: Not classified as dangerous for transport.

15 REGULATORY INFORMATION

Labelling Information: None
Voluntary Safety Advice: Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
EC Annex I Class: Not classified as dangerous.

16 OTHER INFORMATION

Safety Data Sheet referring to: 91/155/EC and 93/112/EC
MSDS first issued: 12 May 1999
MSDS data revised: 14.6.1999
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 Benckiser R&D Surface cleaning.