



Unilever
SAFETY DATA SHEET
MDWA-RINSE AID/TARGA

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME MDWA-RINSE AID/TARGA
 PRODUCT NO. 8443943/ 5 / 20-11-2009
 APPLICATION Machine Dishwash Rinse Aid
 SUPPLIER Unilever UK Limited
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 Leatherhead
 Surrey
 KT22 7GR
 0151 641 4307
 Technical Management Group
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 o.uk
 EMERGENCY TELEPHONE 020 8439 6100
 CONTAINER SIZE Bottle

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
c12-18 alcohol ethoxylated/propoxylated (6EO/3PO)			10-25%	Xi;R36/38.
citric acid anhydrous	201-069-1	77-92-9	1-5%	Xi;R36.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.

4 FIRST-AID MEASURES

INHALATION

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Get medical attention if any discomfort continues.

INGESTION

If swallowed, rinse mouth with water (only if the person is conscious). In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). Contact physician if larger quantity has been consumed.

SKIN CONTACT

Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

EYE CONTACT

Rinse the eye with water immediately. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

MDWA-RINSE AID/TARGA

SPECIFIC HAZARDS

By heating and fire, toxic vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

In case of spills, beware of slippery floors and surfaces. Wash thoroughly after dealing with a spillage. For industrial settings: Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Small quantities can be dissolved/diluted in water and flushed to drain. Large Spillages Avoid discharge into drains, water courses or onto the ground. If risk of water pollution occurs, notify appropriate authorities.

SPILL CLEAN UP METHODS

Small or household quantities may be cleaned up and disposed of with normal household waste. For industrial settings: Collect with absorbent, non-combustible material into suitable containers. Wash contaminated area with water. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with eyes. For prolonged or repeated skin contact use suitable protective gloves. For industrial settings: Use appropriate engineering controls and personal precautions as defined in Section 8.

STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area.

STORAGE CLASS

Unspecified storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. For industrial settings: Wear protective gloves. Refer to local risk assessment for further details

EYE PROTECTION

For industrial settings: Use eye protection.

HYGIENE MEASURES

Wash hands after handling. Observe good industrial hygiene practices.

SKIN PROTECTION

For industrial settings: Wear appropriate clothing to prevent repeated or prolonged skin contact.

ENVIRONMENTAL EXPOSURE CONTROLS

For industrial settings: Do not discharge into drains, water courses or onto the ground. If risk of water pollution occurs, notify appropriate authorities.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
RELATIVE DENSITY	1.04 (1.03-1.05)	pH-VALUE, CONC. SOLUTION	2.6 (2.3 -2.8)
VISCOSITY	8.0 cP		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

MDWA-RINSE AID/TARGA**SKIN CONTACT**

Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

May cause temporary eye irritation.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product is not expected to be hazardous to the environment.

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. 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.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

The product is not classified as dangerous to the environment in accordance with the criteria of the Dangerous Preparations Directive 1999/45/EC as amended. However, large volumes should not be discharged into drains, watercourses or onto the ground.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION**GENERAL**

Not classified for transportation.

15 REGULATORY INFORMATION**RISK PHRASES**

NC Not classified.

SAFETY PHRASES

AISE 1 Keep away from children.
 AISE 2 Keep away from eyes. If product gets into eyes rinse thoroughly with water.
 AISE 5 Do not ingest. If product is ingested then seek medical advice.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

16 OTHER INFORMATION

REVISION DATE 03/12/2009

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RISK PHRASES IN FULL

R36 Irritating to eyes.
 R36/38 Irritating to eyes and skin.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.