

PWRWD

**SAFETY DATA SHEET**  
according to EC directive 93/112/EC  
**QD WASH**



SUBID:00000009003

Version 2  
Revision Date 10.08.2004

Print Date 17/06/05

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product Information**

Product name : QD WASH  
Use of the : Blanket and roller wash  
Substance/Preparation

**Company/Undertaking Identification**

Agfa-Gevaert Ltd.  
27 Great West Road  
TW8 9AX Brentford, Middlesex  
United Kingdom  
Tel. : +44 (0)20 8 231 4616  
Fax : +44 (0)20 8 231 4951

Emergency telephone number (Belgium) : +32 3 4443333

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

The hazard and labelling information in this section is that of the individual ingredients. The corresponding information relative to this product as supplied is given in section 15. Full text of each relevant R-phrase is listed in section 16.

Blanket and roller wash, mainly consisting of:

**Hazardous components**

- |                          |                             |      |   |      |
|--------------------------|-----------------------------|------|---|------|
| • Naphtha (petroleum)    | Concentration [%] :         | 60.0 | - | 80.0 |
| CAS-No. :                | 64742-82-1                  |      |   |      |
| Index-No. :              | 649-330-00-2                |      |   |      |
| EINECS-No. :             | 265-185-4                   |      |   |      |
| Symbol(s) :              | Xn, N                       |      |   |      |
| R-phrase(s) :            | R10, R51/53, R65            |      |   |      |
| • 1,2,4-Trimethylbenzene | Concentration [%] :         | 20.0 | - | 25.0 |
| CAS-No. :                | 95-63-6                     |      |   |      |
| Index-No. :              | 601-043-00-3                |      |   |      |
| EINECS-No. :             | 202-436-9                   |      |   |      |
| Symbol(s) :              | Xn, N                       |      |   |      |
| R-phrase(s) :            | R10, R20, R36/37/38, R51/53 |      |   |      |
| • 1,3,5-Trimethylbenzene | Concentration [%] :         | 5.0  | - | 10.0 |
| CAS-No. :                | 108-67-8                    |      |   |      |
| Index-No. :              | 601-025-00-5                |      |   |      |
| EINECS-No. :             | 203-604-4                   |      |   |      |
| Symbol(s) :              | Xi, N                       |      |   |      |
| R-phrase(s) :            | R10, R37, R51/53            |      |   |      |
| • Propylbenzene          | Concentration [%] :         | 1.0  | - | 5.0  |
| CAS-No. :                | 103-65-1                    |      |   |      |
| Index-No. :              | 601-024-00-X                |      |   |      |
| EINECS-No. :             | 203-132-9                   |      |   |      |
| Symbol(s) :              | Xn, N                       |      |   |      |
| R-phrase(s) :            | R10, R37, R51/53, R65       |      |   |      |
| • Isopropylbenzene       | Concentration [%] :         | 1.0  | - | 5.0  |
| CAS-No. :                | 98-82-8                     |      |   |      |
| Index-No. :              | 601-024-00-X                |      |   |      |

**SAFETY DATA SHEET**  
according to EC directive 93/112/EC  
**QD WASH**



**SUBID:000000009003**

Version 2  
Revision Date 10.08.2004

Print Date 17/06/05

EINECS-No.	:	202-704-5			
Symbol(s)	:	Xn, N			
R-phrased(s)	:	R10, R37, R51/53, R65			
• Xylene			Concentration [%] :	1.0	- 5.0
CAS-No.	:	1330-20-7			
Index-No.	:	601-022-00-9			
EINECS-No.	:	215-535-7			
Symbol(s)	:	Xn			
R-phrased(s)	:	R10, R20/21, R38			

### 3. HAZARDS IDENTIFICATION

**EC-classification:**

Symbol(s)	:	Xn	Harmful
		N	Dangerous for the environment
R-phrased(s)	:	R10	Flammable.
		R20	Harmful by inhalation.
		R36/37/38	Irritating to eyes, respiratory system and skin.
		R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
		R65	Harmful: may cause lung damage if swallowed.

### 4. FIRST AID MEASURES

Skin contact	:	Wash immediately with plenty of water and soap. If symptoms persist, seek medical advice.
Eye contact	:	Rinse with plenty of water. If necessary, seek medical advice.
Ingestion	:	Do not induce vomiting. Obtain medical attention.
Inhalation	:	Take person to fresh air. If necessary, seek medical advice.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	carbon dioxide (CO <sub>2</sub> ), foam, powder, sand
Extinguishing media which must not be used for safety reasons	:	water
Further information	:	Water mist may be used to cool closed containers.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	See section 8.
Environmental precautions	:	For waste disposal see section 13.
Methods for cleaning up	:	Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Prevent release into the drain, soil or surface water.

### 7. HANDLING AND STORAGE

**Handling**

**SAFETY DATA SHEET**  
according to EC directive 93/112/EC  
**QD WASH**



**SUBID:00000009003**

Version 2  
Revision Date 10.08.2004

Print Date 17/06/05

Advice on protection against fire and explosion : Keep away from heat and sources of ignition. Take precautionary measures against static discharges.

**Storage**

Advice on common storage : Store away from strong acids.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limit Values**

Components	CAS-No.	Values	Type	Revision date	Basis
1,2,4-Trimethylbenzene	95-63-6	100 mg/m3	TWA	05 2003	EU ELV
		125 mg/m3	TWA	2003	EH40 OES
1,3,5-Trimethylbenzene	108-67-8	100 mg/m3	TWA	05 2003	EU ELV
		125 mg/m3	TWA	2003	EH40 OES
Isopropylbenzene	98-82-8	125 mg/m3	TWA	2002	EH40 OES
		250 mg/m3	STEL	2002	EH40 OES
		100 mg/m3	TWA	05 2001	EU ELV
		250 mg/m3	STEL	05 2001	EU ELV
Xylene	1330-20-7	220 mg/m3	TWA	2002	EH40 OES
		441 mg/m3	STEL	2002	EH40 OES
		221 mg/m3	TWA	05 2001	EU ELV
		442 mg/m3	STEL	05 2001	EU ELV

**Exposure controls**

Engineering measures : Ventilation should be sufficient so that any applicable occupational exposure limits are not exceeded.

Hand protection : Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of: natural latex (thickness  $\geq$  0.75 mm, breakthrough time  $>$  10 min). Avoid gloves made of: butyl rubber, nitrile rubber or neoprene.

Eye protection : Safety glasses.

Hygiene measures : Observe normal precautions when handling chemicals. Avoid inhaling vapour. Keep away from foodstuffs, drinks and tobacco.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Form : Liquid  
Colour : Colourless  
Odour : Smell of petroleum

**Safety data**

pH : Not applicable  
Melting point/range :  $<$  -20 °C  
Boiling point/range : 130 - 182 °C  
Flash point : 36 °C  
Ignition temperature :  $>$  200 °C  
Lower explosion limit : 0.6 %(V)  
Upper explosion limit : 7.0 %(V)  
Vapour pressure :  $>$  2.00 hPa at 20 °C

Relative density (20 °C) : 0.824  
Solubility/qualitative : Immiscible with water.  
Relative vapour density : 1.0000

**10. STABILITY AND REACTIVITY**

Stability : The product is stable under normal conditions of storage and use.  
Conditions and materials to avoid : Avoid contact with strong acids.  
Hazardous decomposition products : None

**11. TOXICOLOGICAL INFORMATION**

R-phrase(s) : R10 Flammable.  
R20 Harmful by inhalation.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.

Toxicity data specific for individual ingredients in their pure state:

**Acute oral toxicity**

• Naphtha (petroleum) : LD50 rat > 2,000 mg/kg  
• 1,2,4-Trimethylbenzene : LD50 rat > 5,000 mg/kg  
• Propylbenzene : LD50 rat 6,040 mg/kg  
• Isopropylbenzene : LD50 rat 1,400 mg/kg  
• Xylene : LD50 rat 4,300 mg/kg

**Acute dermal toxicity**

• Naphtha (petroleum) : LD50 rabbit > 2,000 mg/kg  
• Isopropylbenzene : LD50 rabbit 10,580 mg/kg  
• Xylene : LD50 rabbit > 1,700 mg/kg

**Other information**

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Hazard labelling of this preparation: see section 15.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects**

Pending the development of criteria for evaluating impact of a chemical preparation, ecological information referring to the most important individual ingredients present in this preparation is given here merely as an indication. The effective environmental impact of this preparation should of course be assessed taking into account the actual concentration of each individual ingredient in this preparation.

**SAFETY DATA SHEET**  
according to EC directive 93/112/EC  
**QD WASH**



SUBID:00000009003

Version 2  
Revision Date 10.08.2004

Print Date 17/06/05

**Toxicity to fish**

- Naphtha (petroleum) : Species: Pisces (fish)  
Dose: > 10.00 mg/l/ 96 h  
Species: Pisces (fish)  
Dose: < 100.00 mg/l/ 96 h
- Xylene : Species: Pimephales promelas (fathead minnow)  
Dose: 16.00 mg/l/ 96 h  
Species: Leuciscus idus (golden orfe)  
Dose: 110.00 mg/l/ 48 h

**Toxicity to daphnia**

- Naphtha (petroleum) : Species: Daphnia magna (water flea)  
Dose: > 100.00 mg/l/ 48 h

**13. DISPOSAL CONSIDERATIONS**

Environmental regulations, discharge of chemicals and washwater, waste treatment and disposal conditions of chemicals and their packaging may vary from one country to another. The relevant local regulations should be consulted. Do not release into drain. Collect for removal by a licensed waste contractor. When this product or its contaminated packaging has to be removed as waste, contact an authorized waste contractor.

For waste resulting from this product, it is recommended to use European Waste Code : 14 06 03 (other solvents and solvent mixtures).

**14. TRANSPORT INFORMATION**

**ADR**

UN-No : 1300  
Proper shipping name : TURPENTINE SUBSTITUTE  
Class : 3  
Packing group : III  
Classification Code : F1  
Label No : 3  
Risk No. : 30

**RID**

UN-No : 1300  
Proper shipping name : TURPENTINE SUBSTITUTE  
Class : 3  
Packing group : III  
Classification Code : F1  
Label No : 3  
Risk No. : 30

**ADNR**

UN-No : 1300  
Proper shipping name : TURPENTINE SUBSTITUTE  
Class : 3  
Packing group : III  
Classification Code : F1  
Label No : 3

**IMO / IMDG**

UN-No : 1300

Proper shipping name : TURPENTINE SUBSTITUTE  
 Class : 3  
 Packing group : III  
 Label No : 3  
 EmS : F-E, S-E  
 Marine pollutant : P

**ICAO / IATA cargo aircraft only**

UN-No : 1300  
 Proper shipping name : Turpentine substitute  
 Class : 3  
 Packing group : III  
 Label No : 3  
 Packing instruction : 310

**ICAO / IATA passenger and cargo aircraft**

UN-No : 1300  
 Proper shipping name : Turpentine substitute  
 Class : 3  
 Packing group : III  
 Label No : 3  
 Packing instruction : 309

**15. REGULATORY INFORMATION**

**Labelling according to EC Directives**

Hazardous components which must be listed on the label :

- CAS-No. : 64742-82-1 Naphtha (petroleum)
- 95-63-6 1,2,4-Trimethylbenzene

Symbol(s)	: Xn N	Harmful Dangerous for the environment
R-phrase(s)	: R10 R20 R36/37/38 R51/53	Flammable. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	: R65 S23.2 S24 S57 S60 S62	Harmful: may cause lung damage if swallowed. Do not breathe vapour. Avoid contact with skin. Use appropriate container to avoid environmental contamination. This material and its container must be disposed of as hazardous waste. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**16. OTHER INFORMATION**

Section(s) changed compared to the previous issue: 1, 2, 4, 5, 6, 7, 8, 10, 12, 14, 15

**Further information**

Full text of R-phrases referred to under Sections 2 and 3:

# SAFETY DATA SHEET

according to EC directive 93/112/EC

## QD WASH

Version 2

Revision Date 10.08.2004



SUBID:00000009003

Print Date 17/06/05

R10	Flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R65	Also harmful: may cause lung damage if swallowed.

This Safety Data Sheet is compiled in accordance with European Directives and corresponding national legislation.

The information disclosed in this Safety Data Sheet is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management.