

SECTION 1: Identification

1.1. Product identifier

Trade name : Wash UV 576

1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

1.3. Supplier's details

Heidelberg Druckmaschinen AG
Kurfuersten-Anlage 60
D-69115 Heidelberg - GERMANY
T +49.6221.92-00 - F +49.6221.92-6999
Consumables-msds@heidelberg.com

1.4. Emergency telephone number

Emergency number : +3237780337

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Flammable liquids, Category H227

4

Full text of H statements : see section 16

2.2. Label elements

Labelling according to the United Nations GHS

Signal word (GHS-UN) : Warning

Hazard statements (GHS-UN) : H227 - Combustible liquid

Precautionary statements (GHS-UN) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking heat
P280 - Wear eye protection, protective gloves
P370+P378 - In case of fire: Use carbon dioxide (CO₂), dry sand, extinguishing powder, foam to extinguish
P403+P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of an authorised waste collection point to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to the United Nations GHS
Methoxypropoxypropanol, dipropyleenglycolmonomethyl ether	(CAS No) 34590-94-8	>= 50	Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Aquatic Acute Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Wash UV 576

Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011)

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity : Stable under normal conditions.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Other information : Do not eat, drink or smoke during use.

Wash UV 576

Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011)

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection	: Protective gloves
Eye protection	: Chemical goggles or safety glasses
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment



8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Blue.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 180 °C
Flash point	: 75 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Density	: 0,945 g/cm ³
Relative gas density	: No data available
Solubility	: Water: 100 %
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 7,6425 mm ² /s
Viscosity, kinematic (calculated value) (40 °C)	: 7,6425 mm ² /s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

9.2. Other information

VOC content	: 850,3 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

Wash UV 576

Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011)

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Methoxypropoxypropanol, dipropyleenglycolmonomethyl ether (34590-94-8)

LD50 oral rat	> ≥ 5000 mg/kg
LD50 dermal rat	> ≥ 10000 mg/kg

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified

Wash UV 576

Viscosity, kinematic (calculated value) (40 °C)	7,6425 mm ² /s
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Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Not classified

Methoxypropoxypropanol, dipropyleenglycolmonomethyl ether (34590-94-8)

LC50 fish 1	> ≥ 10000 mg/l
EC50 Daphnia 1	> ≥ 100 mg/l
ErC50 (algae)	> ≥ 100 mg/l
Log Pow	0,004

12.2. Persistence and degradability

Wash UV 576

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

Wash UV 576

Bioaccumulative potential	Not established.
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Methoxypropoxypropanol, dipropyleenglycolmonomethyl ether (34590-94-8)

Log Pow	See section 12.1 on ecotoxicology
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12.4. Mobility in soil

Wash UV 576

Mobility in soil	No additional information available
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Wash UV 576

Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011)

Methoxypropoxypropanol, dipropyleenglycolmonomethyl ether (34590-94-8)

Log Pow : See section 12.1 on ecotoxicology

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

14.1. UN number

Not regulated for transport

14.2. Proper Shipping Name

Proper Shipping Name (UN RTDG) : Not applicable
Proper Shipping Name (IMDG) : Not classified as dangerous in the meaning of transport regulations
Proper Shipping Name (IATA) : Not classified as dangerous in the meaning of transport regulations

14.3. Transport hazard class(es)

UN RTDG

Transport hazard class(es) (UN RTDG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (UN RTDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

- UN RTDG

No data available

- IMDG

Transport regulations (IMDG) : Not subject

- IATA

Transport regulations (IATA) : Not subject

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

SECTION 16: Other information

Wash UV 576

Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011)

Date of issue : 07/09/2016

Revision date : 14/04/2015

Other information : None.

Full text of H-statements:

H227	Combustible liquid
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SDS UN

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product