

Safety Data Sheet

according to Regulation (EC) No.
1907/2006 (REACH)

Trade name : POLYWASH 3000
Revision date : 06.02.2012
Date of print : 15-01-2013

Version (Revision) : 100.1.0 (100.0.0)

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

POLYWASH 3000

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

Relevant identified uses

Product categories

PC9 - Coatings and paints, fillers, putties, thinners

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Kluthe Benelux B.V.

Street : Produktieweg 8

Postal code/city : NL 2404 CC ALPHEN AAN DEN RIJN

Telephone : +31 (0)172 - 516000

Telefax : +31 (0)172 - 439494

E-mail (competent person) : sds@kluthe.nl

1.4 Emergency Telephone Number

NL - Nationaal Vergiftigingen Informatie Centrum NVIC - Bilthoven + 31 30 274 88 88 (Uitsluitend bestemd om artsen te informeren bij accidentele vergiftigingen) // BE - Antigifcentrum - Brussel + 32 70 245 245 (een arts beantwoordt uw oproep) // BE - Centre Anti-poison - Bruxelles + 32 70 245 245 (un médecin répondra à votre appel). // D - Antigifcentrum (Duitsland - Berlin) : +49 30 450 653565 // S - Swedish Poisons Information Center 112 begår Giftinformationscentralen // UK - Anti-poison center (UK) : +44 870 600 6266

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Irritating to eyes.

Xi ; R 36

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard classes and hazard categories

Flam. Liq. 4 · Eye Irrit. 2

Physical hazards

Flammable Liquids : Category 4

Health hazards

Serious eye damage / eye irritation : Category 2A

Flam. Liq. 4 · Eye Irrit. 2

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Hazard symbols and hazard statements of dangerous substances and preparations



Xi ; Irritant

R-phrases

36 Irritating to eyes.

S-phrases

35 This material and its container must be disposed of in a safe way.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

25 Avoid contact with eyes.

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Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard Statements

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash face, hands and exposed skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P337/313 If eye irritation persists: Get medical advice/attention.

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional information

2.3 Other hazards

None

3. Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

4-HYDROXY-4-METHYLPENTAN-2-ONE ; REACH registration No. : 01-2119473975-21-0001 ; EC No : 204-626-7; CAS No. : 123-42-2

Weight fraction : 50 - 100 %

Classification 67/548/EEC : Xi ; R36

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Eye Irrit. 2 ; H319

BUTYL CELLOSOLVE ; REACH registration No. : 01-2119475108-36-0002 ; EC No : 203-905-0; CAS No. : 111-76-2

Weight fraction : 10 - 25 %

Classification 67/548/EEC : Xn ; R20/21/22 Xi ; R36/38

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

4. First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice. Change contaminated, saturated clothing. For further information refer to chapter 11 (Toxicological information).

After inhalation

Remove casualty to fresh air and keep warm and at rest. After inhaling vapours, first symptoms of poisoning may develop hours later, so always consult a doctor.

In case of skin contact

Water and soap. Do not wash with: Solvents/Thinner

After eye contact

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After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting. Rinse mouth immediately and drink plenty of water. Keep at rest.

Self-protection of the first aider

No direct artificial respiration to be given by first aider.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam. Carbon dioxide (CO₂). Extinguishing powder. Water mist

Unsuitable extinguishing media

Strong water jet.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

None

5.4 Additional information

Cool endangered containers with water in case of fire.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate respiratory protection. Keep away from ignition sources on account of the organic solvent content and ventilate room. Do not inhale vapours. See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For cleaning up

Suitable material for diluting or neutralizing:

Other information

Clear spills immediately.

6.4 Reference to other sections

See sections 8 & 13

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not smoke, eat or drink in places where this product is used. Comply with the health and safety at work laws.

Protective measures

Do not breathe gas/fumes/vapour/spray. Wear personal protection equipment. (see chapter 8).

Fire prevent measures

Vapours are heavier than air, spread along floors and form explosive mixtures with air. Keep away from sources of ignition - No smoking.

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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from oxidizing agents, and from strong alkaline and strong acid materials.

Requirements for storage rooms and vessels

Keep container tightly closed.

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

7.3 Specific end use(s)

None

8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

Applicable OEL-values: Specification : Value : Source: National OEL-lists. Version date : BUTYL CELLOSOLVE ; CAS No. : 111-76-2

Limit value type (country of origin) : STEL (EC)

Limit value : 50 ppm / 246 mg/m³

Remark : H

Version : 08-06-2000

Limit value type (country of origin) : TWA (EC)

Limit value : 20 ppm / 98 mg/m³

Remark : H

Version : 08-06-2000

Limit value type (country of origin) : Blootstellingsgrenswaarde (8uur) (NL)

Limit value : 100 mg/m³

Remark : H

Version : 01-01-2007

Limit value type (country of origin) : Blootstellingsgrenswaarde (15min) (NL)

Limit value : 246 mg/m³

Remark : H

Version : 01-01-2007

8.2 Exposure controls

Personal protective equipment

Eye / face protection

Use tightly fitting safety glasses.

Skin protection

Hand protection

Solvent-resistant protective gloves must be worn. Barrier creams may help to protect the exposed areas of the skin. They should however not be applied once exposure has occurred.

Suitable material : Butyl caoutchouc (butyl rubber).

Breakthrough time (maximum wearing time) : 480 min

Thickness of the glove material : 0,7 mm

Body protection

Personel should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Suitable respiratory protection apparatus

Filtering device (DIN EN 147). Filtering device with filter or ventilator filtering device of type: A

9. Physical and chemical properties

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9.1 Information on basic physical and chemical properties

Safety relevant basis data

Physical state :			Liquid
Colour:			Colourless
Odour:			Characteristic
STORE FROST FREE			No
Melting point / range :	(1013 hPa)	<	-20 °C
Boiling point / range :	(1013 hPa)		100 - 173 °C
Flash point :			68,5 °C
Ignition temperature :			200 °C
Vapour pressure :	(20 °C)		0,92 kPa
Density :	(20 °C)		0,95 - 0,96 g/cm ³
Solubility in water :	(20 °C)		Completely miscible

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

Keep away from oxidizing agents, strong alkaline and strong acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

11.1 Information on toxicological effects

There are no data available on the preparation itself. Repeated or prolonged contact with the product may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. If the liquid splashes in the eyes it may cause irritation and reversible damage.

12. Ecological information

Do not empty into water courses or drains.

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter :	Aanduiding waterbezwaarlijkheid 1
Evaluation :	{11} Weinig schadelijk voor in water levende organismen
Parameter :	Saneringsinspanning
Evaluation :	Sanerings Inspanning B

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

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12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

None

12.8 Overall evaluation

No environmental risks of preparations are available.

13. Disposal considerations

13.1 Waste treatment methods

In accordance with local official regulations treat in a watertreatment or discharge to a waste disposal company.

14. Transport information

14.1 UN number

No dangerous good in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous good in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous good in sense of this transport regulation.

14.4 Packing group

No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

No dangerous good in sense of this transport regulation.

14.6 Special precautions for user

None

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International regulatory information

This product contains max.: 840 g/l VOC

15.2 Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

16. Other information

16.1 Indication of changes

02. Labelling according to Regulation (EC) No. 1272/2008 [CLP]

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

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H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
36	Irritating to eyes.
36/38	Irritating to eyes and skin.

16.6 Training advice

None

16.7 Additional information

We have no knowledge or control over the user's working conditions however. The user is responsible for the observance of all required statutory provisions. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
