

# SAFETY DATA SHEET

## Wallpaper remover

### 1. Identification of the substance/preparation and of the company/undertaking

**Identification of the substance or preparation**

**Product name** : Wallpaper remover  
**Product use** : Capable of dissolving any type of wallpaper glue

**Company/undertaking identification**

**Manufacturer** : HG International b.v. **Telephone No.:** : +31 (0)36 54 94 700  
**Address** : Damsluisweg 70 **Fax** : +31 (0)36 54 94 744  
 1332 EJ Almere **Internet:** : www.hginternational.com  
**Country** : Netherlands  
**Importer** : HG UK  
**Address** : Unit 11 Grange Way Business Park Whitehall Road Industrial Estate  
 Uk Colchester Essex CO2 8HF  
**Telephone No.:** : +44.1206.795.200  
**Fax** : +44.1206.795.201  
**Country** : United Kingdom (UK)

### 2. Composition/information on ingredients

**Substance/preparation** : Preparation

| Ingredient name   | CAS number | EC Number | %      | Classification        |
|---|------------|-----------|--------|-----------------------|
| <b>United Kingdom (UK)</b>  |            |           |        |                       |
| Fatalcohoethoxylate   | 69011-36-5 | polymer   | 5 - 15 | Xn; 22<br>Xi; 41      |
| propan-2-ol   | 67-63-0    | 200-661-7 | 1 - 5  | F; 11<br>Xi; 36<br>67 |
| ammonia   | 1336-21-6  | 215-647-6 | 0 - 1  | C; 34<br>N; 50        |
| poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, ether with .alpha.-fluoro.-omega.-(2-hydroxyethyl)poly(difluoromethylene) (1:1) | 65545-80-4 | polymer   | 0 - 1  | N; 51/53              |

See section 16 for the full text of the R Phrases declared above

\* Occupational Exposure Limit(s), if available, are listed in Section 8

### 3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Xi; 41

**Human health hazards** : Risk of serious damage to eyes.

See section 11 for more detailed information on health effects and symptoms.

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#### 4. First aid measures

##### First aid measures

- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.
- Notes to physician** : Not available.
- Specific treatments** : Not available.

See section 11 for more detailed information on health effects and symptoms.

#### 5. Fire-fighting measures

- Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub> extinguisher or spray.
- Special exposure hazards** : Combustible liquid and vapour. Vapour may cause flash fire. Vapours may accumulate in low or confined areas, travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.  
Not available.
- Hazardous thermal decomposition products** : These products are carbon oxides (CO, CO<sub>2</sub>).
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Remark** : No additional remark.

#### 6. Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

#### 7. Handling and storage

- Handling** : Avoid contact with eyes. Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

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#### 8. Exposure controls/personal protection

| <u>Ingredient name</u>                    | <u>Occupational exposure limits</u>   |
|---|---|
| <u>United Kingdom (UK)</u><br>propan-2-ol | <b>EH40-WEL (United Kingdom (UK), 1/2005).</b><br>STEL: 1250 mg/m <sup>3</sup> 15 minute(s). Form: All forms<br>STEL: 500 ppm 15 minute(s). Form: All forms<br>TWA: 999 mg/m <sup>3</sup> 8 hour(s). Form: All forms<br>TWA: 400 ppm 8 hour(s). Form: All forms |

#### Exposure controls

#### Occupational exposure controls

: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Respiratory protection

: Not applicable

#### Hand protection

: Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.  
>8 hour(s) (breakthrough time): butyl rubber

#### Eye protection

: splash goggles

#### Skin protection

: Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits).

#### 9. Physical and chemical properties

##### General information

##### Appearance

##### Physical state

: Liquid.

##### Colour

: Colourless.

##### Odour

: Characteristic.

##### Important health, safety and environmental information

##### pH

: 10.8 (Conc. (% w/w): 100) [Basic.]

##### Melting point

: May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -4.28°C (24.3°F)

##### Boiling point

: The lowest known value is 82.5°C (180.5°F) (propan-2-ol). Weighted average: 99.35°C (210.8°F)

##### Flash point

: Closed cup: Between 61°C (142°F) and 93.3°C (200°F). (Pensky-Martens.)

##### Flammability (solid, gas)

: Not applicable.

##### Explosive properties

: Not applicable.

##### Oxidising properties

: Not available.

##### Relative density

: 0.9996 g/cm<sup>3</sup> (20°C / 68°F)

##### Solubility

: Easily soluble in hot water, diethyl ether, acetone.  
Soluble in cold water.

##### Viscosity

: Dynamic: The highest known value is 157 cP (Fatalcohoethoxylate)

Evaporation rate (butyl acetate = 1) : 1.7 (propan-2-ol) compared to Butyl acetate.

##### Other information

##### Auto-ignition temperature

: The lowest known value is 365°C (689°F) (Fatalcohoethoxylate).

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#### 10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to Avoid** : Stable under recommended storage and handling conditions (see section 7).
- Materials to avoid** : Reactive with acids.
- Hazardous Decomposition Products** : These products are carbon oxides (CO, CO<sub>2</sub>).

#### 11. Toxicological information

##### Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin Contact** : No known significant effects or critical hazards.
- Eye contact** : Severely irritating to eyes.

##### Acute toxicity

| <u>Ingredient name</u>   | <u>Test</u> | <u>Result</u>     | <u>Route</u> | <u>Species</u> |
|--|-------------|-------------------|--------------|----------------|
| Fatalcoholethoxylate   | LD50        | 200 to 2000 mg/kg | Oral         | Rat            |
| propan-2-ol  | LD50        | 5045 mg/kg        | Oral         | Rat            |
|  | LD50        | 6410 mg/kg        | Oral         | Rabbit         |
|  | LD50        | 3600 mg/kg        | Oral         | Mouse          |
|  | LD50        | 12800 mg/kg       | Dermal       | Rabbit         |
|  | LD50        | 12800 mg/kg       | Dermal       | Rabbit         |
|  | LDLo        | 1537 mg/kg        | Oral         | Dog            |
|  | LDLo        | 3570 mg/kg        | Oral         | human          |
| ammonia  | LDLo        | 5272 mg/kg        | Oral         | man            |
|  | LD50        | 350 mg/kg         | Oral         | Rat            |
|  | LDLo        | 43 mg/kg          | Oral         | human          |
| poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with .alpha.-fluoro-.omega.-(2-hydroxyethyl)poly (difluoromethylene) (1:1) | LDLo        | 750 mg/kg         | Oral         | Cat            |
|  | LD50        | 17000 mg/kg       | Oral         | Rat            |

- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin** : No known significant effects or critical hazards.
- Target organs** : Contains material which causes damage to the following organs: upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

- Other adverse effects** : Not available.

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#### 12. Ecological information

##### Ecotoxicity data

##### Ingredient name

| Ingredient name  | Species                       | Period     | Result       |
|--|-------------------------------|------------|--------------|
| Fatalcoholethoxylate   | Flora. (EC50)                 | 72 hour(s) | 1 to 10 mg/l |
|  | LEUCISCUS IDUS (LC50)         | 96 hour(s) | 1 to 10 mg/l |
| propan-2-ol  | Aquatic Invertebrates. (LC50) | 48 hour(s) | 1 to 10 mg/l |
|  | Pimephales promelas (EC50)    | 48 hour(s) | 10000 mg/l   |
|  | Lepomis macrochirus (LC50)    | 96 hour(s) | >1400 mg/l   |
|  | Pimephales promelas (LC50)    | 96 hour(s) | 6550 mg/l    |
|  | Pimephales promelas (LC50)    | 96 hour(s) | 9640 mg/l    |
|  | Pimephales promelas (LC50)    | 96 hour(s) | 10400 mg/l   |
| poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with .alpha.-fluoro-.omega.-(2-hydroxyethyl)poly (difluoromethylene) (1:1) | Pimephales promelas (LC50)    | 96 hour(s) | 11130 mg/l   |
|  | daphnia (EC50)                | 48 hour(s) | 8.3 mg/l     |
|  | Fish (LC50)                   | 96 hour(s) | 19 mg/l      |

No known significant effects or critical hazards.

##### Other adverse effects

#### 13. Disposal considerations

##### Methods of disposal

: The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

##### Waste classification

: Not applicable.

##### Hazardous waste

: The classification of the product may meet the criteria for a hazardous waste

#### 14. Transport information

##### International transport regulations

| Regulatory information | UN number      | Proper shipping name | Class | Packing group | Label | Additional Information |
|------------------------|----------------|----------------------|-------|---------------|-------|------------------------|
| ADR/RID Class          | Not regulated. | -                    | -     | -             |       | -                      |
| ADN Class              | Not regulated. | -                    | -     | -             |       | -                      |
| IMDG Class             | Not regulated. | -                    | -     | -             |       | -                      |
| IATA-DGR Class         | Not regulated. | -                    | -     | -             |       | -                      |

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#### 15. Regulatory information

##### EU Regulations

Hazard symbol(s)

:



Irritant

Risk Phrases

: R41- Risk of serious damage to eyes.

Safety Phrases

: S2- Keep out of the reach of children.

S25- Avoid contact with eyes.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39- Wear eye/face protection.

S46- If swallowed, seek medical advice immediately and show this container or label.

Other EU regulations

: Not available.

Product use

: Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.

- Consumer applications.

EC Statistical classification (Tariff Code)

: 32089091

Ingredients identification information

: 5% or over but less than 15%: non-ionic surfactants;: preservation agents: (ethylenedioxy) dimethanol, 1,3-bis(hydroxymethyl)urea, [2-(2-butoxyethoxy)ethoxy]methanol, Methylchloroisothiazolinone, Methylisothiazolinone.

#### 16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK)

: R11- Highly flammable.

R22- Harmful if swallowed.

R34- Causes burns.

R36- Irritating to eyes.

R41- Risk of serious damage to eyes.

R67- Vapours may cause drowsiness and dizziness.

R50- Very toxic to aquatic organisms.

R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)

: F - Highly flammable

C - Corrosive

Xn - Harmful

Xi - Irritant

N - Dangerous for the environment.

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Verified by T. Rutgers.

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This safety data sheet is prepared in accordance with EU  
directive 91/155/EC amended by Directive 2001/58/EC



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*To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

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