

SAFETY DATA SHEET

cement grout film remover

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

Identification of the substance or preparation

Product name : cement grout film remover
Product use : Removes cement, grout film and rust stains from ceramic tiles and slate

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 : Netherlands

Emergency telephone number : ----

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	EC Number	%	Classification
Europe				
phosphoric acid	7664-38-2	2316332	15-30	C; R34
gluconic acid, d-propan-2-ol	526-95-4	208-401-4	1-5	Xi; R36
	67-63-0	200-661-7	1-5	F; R11
				Xi; R36
				R67
alcohols, c11-14-iso-, c13-rich, ethoxylated	78330-21-9		1-5	Xn; R22
				Xi; R41
ethanedioic acid, dihydrate	144-62-7	205-634-3	1-5	Xn; R21/22
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 : C; R34

Human health hazards : Causes burns.

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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention immediately.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
- Skin Contact** : In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention immediately.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.

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 CQ
- Special exposure hazards** : No specific hazard.
Not available.
- Hazardous thermal decomposition products** : These products are carbon oxides (CO, CQ), phosphates. Chlorinegas
- Special protective equipment for fire-fighters** : Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).
- Environmental precautions and clean-up methods** : Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.
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** : Do not get in eyes, on skin or on clothing. Keep container closed. Use only with adequate ventilation. Do not breathe vapour or mist. Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended** : Use original container.
- Danish fire class** : Not available.
- Czech Republic - Storage code** : III

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8. Exposure controls/personal protection

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Europe	
Phosphoric acid	EU OEL (Europe, 2000). Notes: Indicative STEL: 2 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s).
propan-2-ol	ACGIH (United States). TWA: 400 ppm ACGIH TLV (United States, 2003). Notes: Refers to Appendix A -- Carcinogens. ACGIH 2003 Adoption STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s).
Oxalic acid	EU OEL (Europe, 1991). Notes: Indicative TWA: 1 mg/m ³ 8 hour(s).
Sweden	
phosphoric acid	AFS (Sweden, 2000). Notes: KTV: 3 mg/m ³ 15 minute(s). Form: Mist NGV: 1 mg/m ³ 8 hour(s). Form: Mist
propan-2-ol	AFS (Sweden, 2000). Notes: KTV: 600 mg/m ³ 15 minute(s). KTV: 250 ppm 15 minute(s). NGV: 350 mg/m ³ 8 hour(s). NGV: 150 ppm 8 hour(s).
ethanedioic acid, dihydrate	AFS (Sweden, 2000). Notes: KTV: 2 mg/m ³ 15 minute(s). NGV: 1 mg/m ³ 8 hour(s).
Denmark	
phosphoric acid	Arbejdstilsynet (Denmark, 2002). Notes: GV: 1 mg/m ³ 8 hour(s).
propan-2-ol	Arbejdstilsynet (Denmark, 2002). Skin Notes: GV: 490 mg/m ³ 8 hour(s). GV: 200 ppm 8 hour(s). K
ethanedioic acid, dihydrate	Arbejdstilsynet (Denmark, 2002). Notes: GV: 1 mg/m ³ 8 hour(s).
Norway	
phosphoric acid	Arbejdstilsynet (Norway, 2001). Notes: AN: 1 mg/m ³ 8 hour(s).
propan-2-ol	Arbejdstilsynet (Norway, 2001). Notes: AN: 245 mg/m ³ 8 hour(s). AN: 100 ppm 8 hour(s).
ethanedioic acid, dihydrate	Arbejdstilsynet (Norway, 2001). Notes: AN: 1 mg/m ³ 8 hour(s).
France	
phosphoric acid	INRS (France, 1999). Notes: Advisory VLE: 3 mg/m ³ 15 minute(s). VME: 1 mg/m ³ 8 hour(s).
propan-2-ol	INRS (France, 1999). Notes: Advisory VLE: 980 mg/m ³ 15 minute(s). VLE: 400 ppm 15 minute(s).
ethanedioic acid, dihydrate	INRS (France, 1999). Notes: Advisory VME: 1 mg/m ³ 8 hour(s).
Netherlands	

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phosphoric acid	<p>Nationale MAC-lijst (Netherlands, 2003). Notes: Administrative TGG 15 min: 2 mg/m³ 15 minute(s). TGG 15 min: 0,5 ppm 15 minute(s). TGG: 1 mg/m³ 8 hour(s). TGG: 0,2 ppm 8 hour(s).</p>
propan-2-ol	<p>Nationale MAC-lijst (Netherlands, 2003). Notes: Legal TGG: 650 mg/m³ 8 hour(s). TGG: 250 ppm 8 hour(s).</p>
ethanedioic acid, dihydrate	<p>Nationale MAC-lijst (Netherlands, 2003). Notes: Administrative TGG: 1 mg/m³ 8 hour(s).</p>
Germany	
phosphoric acid	<p>TRGS900 MAK (Germany, 2003). Notes: Spitzenbegrenzung: 2 mg/m³ TWA: 1 mg/m³ 8 hour(s).</p>
propan-2-ol	<p>MAK-Werte Liste (Germany, 2000). Notes: Spitzenbegrenzung: 1000 mg/m³ 4 times per shift, 30 minute(s). Spitzenbegrenzung: 400 ML/M3 4 times per shift, 30 minute(s). TWA: 500 mg/m³ 8 hour(s). TWA: 200 ML/M3 8 hour(s).</p> <p>TRGS900 MAK (Germany, 2003). Notes: Spitzenbegrenzung: 2000 mg/m³ Spitzenbegrenzung: 800 ppm TWA: 500 mg/m³ 8 hour(s). TWA: 200 ppm 8 hour(s).</p>
ethanedioic acid, dihydrate	<p>TRGS900 MAK (Germany, 2003). Skin Notes: TWA: 1 mg/m³ 8 hour(s).</p>
Finland	
phosphoric acid	<p>Työterveyslaitos (Finland, 2002). Notes: STEL: 2 mg/m³ 15 minute(s). TWA: 1 mg/m³ 8 hour(s).</p>
propan-2-ol	<p>Työterveyslaitos (Finland, 2002). Notes: STEL: 620 mg/m³ 15 minute(s). STEL: 250 ppm 15 minute(s). TWA: 500 mg/m³ 8 hour(s). TWA: 200 ppm 8 hour(s).</p>
ethanedioic acid, dihydrate	<p>Työterveyslaitos (Finland, 2002). Skin Notes: STEL: 3 mg/m³ 15 minute(s). TWA: 1 mg/m³ 8 hour(s).</p>
United Kingdom (UK)	
phosphoric acid	<p>EH40-OES (United Kingdom (UK), 2002). Notes: STEL: 2 mg/m³ 15 minute(s). TWA: 1 mg/m³ 8 hour(s).</p>
propan-2-ol	<p>EH40-OES (United Kingdom (UK), 2002). Notes: STEL: 1250 mg/m³ 15 minute(s). STEL: 500 ppm 15 minute(s). TWA: 999 mg/m³ 8 hour(s). TWA: 400 ppm 8 hour(s).</p>
ethanedioic acid, dihydrate	<p>EH40-OES (United Kingdom (UK), 2002). Notes: STEL: 2 mg/m³ 15 minute(s). TWA: 1 mg/m³ 8 hour(s).</p>
Austria	
phosphoric acid	<p>BMWA_MAK (Austria, 2003). Notes: STEL: 2 mg/m³ 4 times per shift, 15 minute(s). TWA: 1 mg/m³ 8 hour(s).</p>
propan-2-ol	<p>BMWA_MAK (Austria, 2003). Notes: STEL: 2000 mg/m³ 4 times per shift, 30 minute(s). STEL: 800 ppm 4 times per shift, 30 minute(s). TWA: 500 mg/m³ 8 hour(s). TWA: 200 ppm 8 hour(s).</p>

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ethanedioic acid, dihydrate	BMWA MAK (Austria, 2003). Skin Notes: TWA: 1 mg/m ³ 8 hour(s). Form: Aerosol
Switzerland	
phosphoric acid	SUVA (Switzerland, 2003). Notes: MAK: 1 mg/m ³ 8 hour(s).
propan-2-ol	SUVA (Switzerland, 2003). Notes: Kurzzeitsgrenzwerte: 1000 mg/m ³ 15 minute(s). Kurzzeitsgrenzwerte: 400 ppm 15 minute(s). MAK: 500 mg/m ³ 8 hour(s). MAK: 200 ppm 8 hour(s).
ethanedioic acid, dihydrate	SUVA (Switzerland, 2003). Notes: MAK: 1 mg/m ³ 8 hour(s). Form: Dust
Belgium	
phosphoric acid	Lijst Grenswaarden / Valeurs Limites (Belgium, 2002). Notes: VCD: 2 mg/m ³ 15 minute(s). VL: 1 mg/m ³ 8 hour(s).
propan-2-ol	Lijst Grenswaarden / Valeurs Limites (Belgium, 2002). Notes: VCD: 1248 mg/m ³ 15 minute(s). VCD: 500 ppm 15 minute(s). VL: 997 mg/m ³ 8 hour(s). VL: 400 ppm 8 hour(s).
ethanedioic acid, dihydrate	Lijst Grenswaarden / Valeurs Limites (Belgium, 2002). Notes: VCD: 2 mg/m ³ 15 minute(s). VL: 1 mg/m ³ 8 hour(s).
Spain	
phosphoric acid	INSHT (Spain, 2003). Notes: STEL: 2 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s).
propan-2-ol	INSHT (Spain, 2003). Notes: STEL: 1250 mg/m ³ 15 minute(s). STEL: 500 ppm 15 minute(s). TWA: 998 mg/m ³ 8 hour(s). TWA: 400 ppm 8 hour(s).
ethanedioic acid, dihydrate	INSHT (Spain, 2003). Notes: STEL: 2 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s).
Turkey	
phosphoric acid	NIOSH REL (United States, 2001). Notes: STEL: 3 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 10 hour(s).
propan-2-ol	NIOSH REL (United States, 2001). Notes: STEL: 1225 mg/m ³ 15 minute(s). STEL: 500 ppm 15 minute(s). TWA: 980 mg/m ³ 10 hour(s). TWA: 400 ppm 10 hour(s).
ethanedioic acid, dihydrate	NIOSH REL (United States, 2001). Notes: STEL: 2 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 10 hour(s).
Czech Republic	
phosphoric acid	178/2001 (Czech Republic, 2001). Notes: STEL: 2 mg/m ³ 10 minute(s). TWA: 1 mg/m ³ 8 hour(s).
propan-2-ol	178/2001 (Czech Republic, 2001). Skin Notes: STEL: 1000 mg/m ³ 10 minute(s). STEL: 407 ppm 10 minute(s). TWA: 500 mg/m ³ 8 hour(s). TWA: 203,5 ppm 8 hour(s).
ethanedioic acid, dihydrate	178/2001 (Czech Republic, 2001). Skin Notes: STEL: 5 mg/m ³ 10 minute(s).

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TWA: 1 mg/m³ 8 hour(s).

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

: Use an approved, properly fitted, powered-air purifying respirator or respirator of equivalent or greater protection.

Hand protection

: Use chemical resistant, impervious gloves.

Eye protection

: Safety glasses. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes.

Skin protection

: Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Appropriate techniques should be used to remove potentially contaminated clothing.

Protection based on MAL

: **According to the regulations on work involving coded products, the following stipulations apply to the use of personal protective equipment:**

General: Gloves must be worn for all work that may result in soiling. Apron/overalls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. A face shield must be worn in work involving spattering if a full mask is not required. In this case, other recommended use of eye protection is not required.

In all spraying operations in which there is return spray, the following must be worn: respiratory protection and arm protectors/apron/overalls/protective clothing as appropriate or as instructed.

MAL-code: 0-6

Application: When using scraper or knife, brush, roller, etc, for pre- and post-treatments in a spray booth where the operator is outside the spray zone; and when working in similar new* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone. When spraying in new* booths and cabins with non-atomising guns. During downtimes, cleaning and repair in closed facilities, spray booths or cabins, if there is a risk of contact with wet paint or organic solvents. When using scraper or knife, brush, roller, etc, for pre- and post-treatments in cabins or booths of the existing* facility type, if the operator is inside the spray zone. When using scraper or knife, brush, roller, etc. for pre- and post-treatments outside a closed facility, spray booth or spray cabin.

- Protective clothing must be worn.

When spraying in existing* spray booths, if the operator is outside the spray zone.

- Air-supplied full mask and protective clothing must be worn.

During non-atomising spraying in existing* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone.

- Gas filter mask and protective clothing must be worn.

During all spraying where atomisation occurs in cabins or spray booths where the operator is inside the spray zone; and during spraying outside a closed facility, cabin or booth.

- Air-supplied full mask, protective clothing and hood must be worn.

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Drying: Items for drying/drying ovens that are temporarily placed on such things as rack trolleys, etc, must be equipped with a mechanical exhaust system to prevent fumes from wet items from passing through workers' inhalation zone.

Polishing: When polishing treated surfaces, a mask with dust filter must be worn. When machine grinding, eye protection must be worn. Work gloves must always be worn.

Caution The regulations contain other stipulations in addition to the above.

*See Regulations.

9. Physical and chemical properties

General information

- Appearance
- Physical state : Liquid.
- Colour : Clear Yellow. (Light.)
- Odour : Perfumed

Important health, safety and environmental information

- pH : <1 [Acidic.]
- Melting point : May start to solidify at <5°C (41°F) based on data for: alcohols, c11-14-iso-, c13-rich, ethoxylated. Weighted average: -2.38°C (27.7°F)
- Boiling point : The lowest known value is 82°C (179.6°F) (propan-2-ol). Weighted average: 99.49°C (211.1°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 : Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.
- Explosion Limits : The greatest known range is Lower: 2% Upper: 13% (propan-2-ol)
- Oxidising properties : Not available.
- Relative density : 1.135 g/cm³
- Solubility : Easily soluble in hot water, diethyl ether, acetone.
Soluble in cold water.
Partially soluble in methanol.
- Viscosity : Dynamic: The highest known value is 157 cP (alcohols, c11-14-iso-, c13-rich, ethoxylated)
- Evaporation rate (butyl acetate = 1) : The highest known value is 1.7 (propan-2-ol) Weighted average: 0.4 compared to Butyl acetate.

Other information

- Auto-ignition temperature : The lowest known value is >200°C (392°F) (alcohols, c11-14-iso-, c13-rich, ethoxylated).

10. Stability and reactivity

- Stability : The product is stable.
- Conditions to Avoid : Keep from any possible contact with water. (propan-2-ol)
- Hazardous Decomposition Products : These products are carbon oxides (CO, CQ), phosphates. Chlorine gas

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11. Toxicological information

Potential acute health effects

- Inhalation** : Corrosive to the respiratory system.
Ingestion : No specific hazard.
Skin Contact : Corrosive to the skin.
Eye contact : Corrosive to eyes.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
phosphoric acid	LD50	1530 mg/kg	Oral	Rat
	LD50	2740 mg/kg	Dermal	Rabbit
gluconic acid, d-propan-2-ol	LD50	2000 mg/kg	Oral	Rat
	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
alcohols, c11-14-iso-, c13-rich, ethoxylated ethanedioic acid, dihydrate	LD50	200 to 2000 mg/kg	Oral	Rat
	LD50	7500 mg/kg	Oral	Rat
	LD50	20000 mg/kg	Dermal	Rabbit
	LDLo	600 mg/kg	Oral	woman

Denmark – Carcinogen list : Contains substance(s) listed under National Working Environment Authorities Executive Order 140/1997.

Over-exposure signs/symptoms

Target organs : Contains material which causes damage to the following organs: kidneys, lungs, mucous membranes, gastrointestinal tract, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea, nose/sinuses, throat.

Other adverse effects : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
propan-2-ol	FATHEAD MINNOWS (EC50)	96 hour(s)	6550 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
	Pimephales promelas (LC50)	96 hour(s)	11130 mg/l
	Flora. (EC50)	72 hour(s)	1 to 10 mg/l
	LEUCISCUS IDUS (LC50)	96 hour(s)	1 to 10 mg/l
alcohols, c11-14-iso-, c13-rich, ethoxylated ethanedioic acid, dihydrate	PERCA FLUVIATILIS (EC50)	96 hour(s)	100 to 1000 mg/l
	LEUCISCUS IDUS (EC50)	48 hour(s)	242 mg/l
	LEUCISCUS IDUS (EC50)	48 hour(s)	242 mg/l
	DAPHNIA MAGNA (EC50)	48 hour(s)	137 mg/l

Other Ecological Information

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Ingredient name	Persistence/degradability						Bioaccumulative potential		
	BOD ₅	COD	ThOD	Aquatic half-life	Photolysis	Biodegradability	LogP _{ow}	BCF	Potential
ethanedioic acid, dihydrate						Readily			

Mobility : Not available.

Other adverse effects : Not available.

13. Disposal considerations

Methods of disposal : Avoid contact of spilled material and runoff with soil and surface waterways. Dispose of according to all federal, state and local applicable regulations.



Waste classification : Not applicable.

European waste catalogue (EWC) : Not available.

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	1760	UN 1760, "dangerous goods in limited quantities of class 8", III, ADR (phosphoric acid)	8	III		<p>Hazard identification number 80</p> <p>Reportable quantity 12</p> <p>Remarks Limited quantity for upto 3 litre inner packing Else; UN 1760, CORROSIVE LIQUID, N.O.S., (Phosphoric acid, mixture), class 8, III, ADR</p>
ADN Class	1760	UN 1760, "dangerous goods in limited quantities of class 8", III, ADN (phosphoric acid)	8	III		<p>RQ (Reportable quantity) ADN 12</p> <p>Remarks Limited quantity for upto 3 litre inner packing Else; UN 1760, CORROSIVE LIQUID, N.O.S., (Phosphoric acid, mixture), class 8, III, ADN</p>

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IMDG Class	1760	"dangerous goods in limited quantities of class 8" UN 1760, PG III (phosphoric acid)	8	III		Emergency schedules (EmS) 8-15 Reportable quantity 30 Remarks Limited quantity for upto 1 l inner packing. Else; CORROSIVE LIQUID, N.O.S., (Phosphoric acid, 20%, mixture), class 8, UN 1760, PG III
IATA-DGR Class	1760	"dangerous goods in limited quantities of class 8" UN 1760, PG III (phosphoric acid)	8	III		-

15. Regulatory information

EU Regulations

Hazard symbol(s)

:



Corrosive

Risk phrases

: R34- Causes burns.

Safety Phrases

: S1/2- Keep locked up and out of the reach of children.
 S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S28- After contact with skin, wash immediately with plenty of Water.
 S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
 S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
 S64- If swallowed, rinse mouth with water (only if the person is conscious).

Contains

: phosphoric acid 2316332

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.

Other EU regulations

Child protection : Yes, applicable.

Tactile warning of danger : Yes, applicable.

EC Statistical classification (Tariff Code) : 32089091

National regulations

Sweden

Denmark

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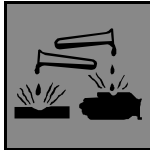
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Hazard symbol(s)

:



Corrosive

Risk Phrases

: R34- Causes burns.

Safety Phrases

: S1/2- Keep locked up and out of the reach of children.
 S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S28- After contact with skin, wash immediately with plenty of Water.
 S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
 S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
 S64- If swallowed, rinse mouth with water (only if the person is conscious).

Contains

: phosphoric acid 2316332

Denmark – Cancer risks

: National Working Environment Authorities Ordinance on Measures to Prevent Cancer Risks during Work with Substances and Preparations is applicable.

MAL-code

: 0-6

Denmark – Restrictions on use

: Not to be used by professional users below 18 years of age, see the National Working Environment Authorities Executive Order on young peoples dangerous work.

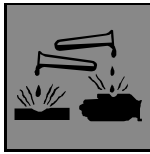
Statutory order 517 on aerosols

: Not applicable.

Norway

Hazard symbol(s)

:



Corrosive

Risk Phrases

: R34- Causes burns.

Safety Phrases

: S1/2- Keep locked up and out of the reach of children.
 S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S28- After contact with skin, wash immediately with plenty of Water.
 S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
 S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
 S64- If swallowed, rinse mouth with water (only if the person is conscious).

Carcinogenic class

: Not classified.

Contains

: phosphoric acid 2316332
 propan-2-ol 200-661-7

OAR group

: **OAR group 1**

France

Netherlands

Germany

Employment restrictions in accordance with § 15b of the Hazardous Substance Ordinance

: Yes.

Hazardous incident ordinance

: No.

Ordinance on combustible liquids

: Class: Omitted

Technical instruction on air quality control

: Class I: 1.3%

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Hazard class for water : 3

Austria



Limitation of the use of organic solvents : Permitted.

Italy

Restrictions on the use of Benzol and similar materials : Not applicable.

Emission control directive : 99,9861566% Not classified.

16. Other information

Full text of R phrases referred to in sections 2 and 3 - Europe : R11- Highly flammable.
R21/22- Harmful in contact with skin and if swallowed.
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.

Full text of classifications referred to in sections 2 and 3 - Europe : F - Highly flammable
C - Corrosive
Xn - Harmful
Xi - Irritant

Full text of R phrases referred to in sections 2 and 3 - Switzerland : R11- Highly flammable.
R21/22- Harmful in contact with skin and if swallowed.
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.

Full text of classifications referred to in sections 2 and 3 - Switzerland : F - Highly flammable
C - Corrosive
Xn - Harmful
Xi - Irritant

Full text of R phrases referred to in sections 2 and 3 - Turkey : R11- Highly flammable.
R21/22- Harmful in contact with skin and if swallowed.
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.

Full text of classifications referred to in sections 2 and 3 - Turkey : F - Highly flammable
C - Corrosive
Xn - Harmful
Xi - Irritant

SAFETY DATA SHEET

cement grout film remover

Full text of R phrases referred to in sections 2 and 3 - Czech Republic : R11- Highly flammable.
R21/22- Harmful in contact with skin and if swallowed.
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.

Full text of classifications referred to in sections 2 and 3 - Czech Republic : F - Highly flammable
C - Corrosive
Xn - Harmful
Xi - Irritant

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