

SAFETY DATA SHEET

Quick

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

Identification of the substance or preparation

Product name : Quick
Product use : Specifically developed for cleaning both lightly and heavily soiled unglazed stoneware and porcelain floor tiles both polished and unpolished.

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
United Kingdom (UK)				
glycine, n,n-bis(carboxymethyl)-, trisodium salt	5064-31-3	225-768-6	1 - 5	Xn; 22 Xi; 36
Oxirane methyl-, polymer with oxirane, tridecyl ether	61725-89-1	polymer	1 - 5	Xi; 38
Disodium metasilicate	6834-92-0	229-912-9	1 - 5	C; 34 Xi; 37
Sodium hydroxide	1310-73-2	215-185-5	0 - 1	C; 35

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; R36/38
R52/53

Human health hazards : Irritating to eyes and skin.

Environmental hazards : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 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.
- 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** : Use an extinguishing agent suitable for surrounding fires.
- Special exposure hazards** : No specific hazard.
This material is harmful to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous thermal decomposition products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), sulphur oxides (SO₂, SO₃, etc.), phosphates. Some metallic oxides.
- 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.

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, skin and clothing. Avoid contact of spilled material and runoff with soil and surface waterways. 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

Ingredient name

United Kingdom (UK)

Sodium hydroxide

Occupational exposure limits

EH40-OES (United Kingdom (UK), 2002). Notes:
STEL: 2 mg/m³ 15 minute(s).

Exposure controls

Occupational exposure controls

: No special ventilation requirements.

Respiratory protection

: A respirator is not needed under normal and intended conditions of product use.

Hand protection

: Butyl rubber gloves. Permeation time >= 8 hours: (5 mm)

Eye protection

: splash goggles

Skin protection

: Work uniform or laboratory coat.

9. Physical and chemical properties

General information

Appearance

Physical state

: Liquid.

Colour

: Colourless. Clear

Odour

: Characteristic.

Important health, safety and environmental information

pH

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

Melting point

: May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -0.14°C (31.7°F)

Boiling point

: The lowest known value is 72 to 77°C (161.6 to 170.6°F) (Oxirane methyl-, polymer with oxirane, tridecyl ether). Weighted average: 99.24°C (210.6°F)

Flash point

: The lowest known value is Closed cup: >100°C (212°F). (Pensky-Martens.). (Oxirane methyl-, polymer with oxirane, tridecyl ether)

Flammability (solid, gas)

: Not applicable.

Explosive properties

: Not available.

Oxidising properties

: Not available.

Relative density

: 1.071 g/cm³ (20°C / 68°F)

Solubility

: Soluble in cold water, hot water.
Insoluble in methanol, diethyl ether, n-octanol, acetone.

Viscosity

: Dynamic: The highest known value is 135 cP (Oxirane methyl-, polymer with oxirane, tridecyl ether)

Other information

Auto-ignition temperature

: The lowest known value is >200°C (392°F) (Oxirane methyl-, polymer with oxirane, tridecyl ether).

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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, CO₂), nitrogen oxides (NO, NO₂...), sulphur oxides (SO₂, SO₃, etc.), phosphates. Some metallic oxides.

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** : Irritating to skin.
- Eye contact** : Irritating to eyes.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
glycine, n,n-bis(carboxymethyl)-, trisodium salt	LD50	1100 mg/kg	Oral	Rat
	LD50	681 mg/kg	Oral	Mouse
	LD50	750 mg/kg	Oral	Monkey
Oxirane methyl-, polymer with oxirane, tridecyl ether	LD50	>2000 mg/kg	Oral	Rat
	LD50	1153 mg/kg	Oral	Rat
	LD50	770 mg/kg	Oral	Mouse
	LDLo	250 mg/kg	Oral	Dog
Disodium metasilicate	LDLo	250 mg/kg	Oral	pig
	LDLo	500 mg/kg	Oral	Rabbit
	LDLo	500 mg/kg	Oral	Rabbit

- 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.
- Other adverse effects** : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
glycine, n,n-bis(carboxymethyl)-, trisodium salt	Fish (LC50)	96 hour(s)	>200 mg/l
Oxirane methyl-, polymer with oxirane, tridecyl ether	LEUCISCUS IDUS (LC50)	96 hour(s)	1 to 10 mg/l

Other ecological information

Persistence/degradability

<u>Ingredient name</u>	<u>Aquatic half-life</u>	<u>Photolysis</u>	<u>Biodegradability</u>

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Oxirane methyl-, polymer with oxirane, - - Readily
tridecyl ether

Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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.
: 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	Not regulated.	-	-	-		-
ADN Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

15. Regulatory information

EU Regulations

Hazard symbol(s) : 

Irritant

Risk Phrases : R36/38- Irritating to eyes and skin.
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.
S29/56- Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.
S46- If swallowed, seek medical advice immediately and show this container or label.
S64- If swallowed, rinse mouth with water (only if the person is conscious).

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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	: less than 5%: NTA (nitrilotriacetic acid) and salts thereof, non-ionic surfactants, phosphonates, anionic surfactants, preservation agents:2-Bromo-2-nitropropane-1,3-diol.

16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK) : R22- Harmful if swallowed.
R34- Causes burns.
R35- Causes severe burns.
R36- Irritating to eyes.
R36/38- Irritating to eyes and skin.
R37- Irritating to respiratory system.
R38- Irritating to skin.
R52/53- Harmful 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) : C - Corrosive
Xn - Harmful
Xi - Irritant

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Verified by T. Rutgers.

Notice to reader

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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