



HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.
Issue date: 27/05/2025 Revision date: 18/03/2025 Version: 2.3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : HG limescale remover foam spray super powerful
Product code : 605 ART
Type of product : Detergent
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use

1.2.2. Uses advised against

Restrictions on use : All other uses not recommended above

1.3. Details of the supplier of the safety data sheet

Manufacturer

HG International B.V.
P.J. Oudweg 41
NL- 1314 CJ Almere
The Netherlands
T +31 (0)36 54 94 700
safety@hg.eu - www.hg.eu

1.4. Emergency telephone number

Emergency number : +31 (0)36 54 94 777
Only for medical personnel
Mon-Fri 09:00 AM - 05:00 PM (CEST)

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|--------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH | 0344 892 0111 | Only for healthcare professionals |
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road SE14 5ER | +44 20 7188 7188 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GB CLP (SI 2019:720 as amended)

Acute toxicity (oral), Category 4 H302
Skin corrosion/irritation, Category 1 H314
Serious eye damage/eye irritation, Category 1 H318
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

HG limescale remover foam spray super powerful

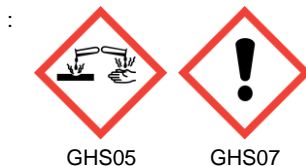
Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

2.2. Label elements

Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GB CLP)



Signal word (GB CLP)

Contains

Hazard statements (GB CLP)

Precautionary statements (GB CLP)

- : Danger
- : Phosphoric acid
- : H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- : P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves, eye protection.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- : Applicable
- : Applicable

Child-resistant fastening

Tactile warning

2.3. Other hazards

| Component | |
|---|--|
| Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII | Isotridecanol, ethoxylated (69011-36-5), D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1), oxalic acid (144-62-7), N,N-dimethyltetradecylamine N-oxide (3332-27-2), Phosphoric acid (7664-38-2) |
| Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII | Isotridecanol, ethoxylated (69011-36-5), D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1), oxalic acid (144-62-7), N,N-dimethyltetradecylamine N-oxide (3332-27-2), Phosphoric acid (7664-38-2) |
| Component | |
| Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP | Phosphoric acid(7664-38-2), D-Glucopyranose, oligomers, decyl octyl glycosides(68515-73-1), Isotridecanol, ethoxylated(69011-36-5), oxalic acid(144-62-7), N,N-dimethyltetradecylamine N-oxide(3332-27-2) |

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to GB CLP (SI 2019:720 as amended) |
|-----------------|---|-------------|---|
| Phosphoric acid | CAS-No.: 7664-38-2 EC-No.: 231-633-2 REACH-no: 01-2119485924-24 | ≥ 15 – < 25 | Acute Tox. 4 (Oral), H302 (ATE=301 mg/kg bodyweight) Skin Corr. 1B, H314 |

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

| Name | Product identifier | % | Classification according to GB CLP (SI 2019:720 as amended) |
|--|--|-------------|---|
| D-Glucopyranose, oligomers, decyl octyl glycosides | CAS-No.: 68515-73-1 EC-No.: 500-220-1 REACH-no: 01-2119488530-36 | ≥ 2 – < 5 | Eye Dam. 1, H318 |
| Isotridecanol, ethoxylated | CAS-No.: 69011-36-5 EC-No.: 500-241-6 | ≥ 1 – < 2 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Dam. 1, H318 |
| oxalic acid | CAS-No.: 144-62-7 EC-No.: 205-634-3 REACH-no: 01-2119534576-33 | ≥ 1 – < 2 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Eye Dam. 1, H318 |
| N,N-dimethyltetradecylamine N-oxide | CAS-No.: 3332-27-2 EC-No.: 222-059-3 REACH-no: 01-2119949262-37 | ≥ 0.1 – < 1 | Acute Tox. 4 (Oral), H302 (ATE=1064 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits (%) |
|----------------------------|--|---|
| Isotridecanol, ethoxylated | CAS-No.: 69011-36-5 EC-No.: 500-241-6 | (1 ≤ C < 10) Eye Irrit. 2; H319 (100 ≤ C < 100) Eye Dam. 1; H318 |

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

No additional information available

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

No additional information available

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

For containment : For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials : Basic.
Storage temperature : 0 – 35 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

oxalic acid (144-62-7)

United Kingdom - Occupational Exposure Limits

| | |
|----------------------|---------------------------------------|
| Local name | Oxalic acid |
| WEL TWA (OEL TWA) | 1 mg/m ³ |
| WEL STEL (OEL STEL) | 2 mg/m ³ |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

Phosphoric acid (7664-38-2)

United Kingdom - Occupational Exposure Limits

| | |
|----------------------|---------------------------------------|
| Local name | Orthophosphoric acid |
| WEL TWA (OEL TWA) | 1 mg/m ³ |
| WEL STEL (OEL STEL) | 2 mg/m ³ |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

| Eye protection | | | |
|----------------------------------|-----------------------|-----------------|----------|
| Type | Field of application | Characteristics | Standard |
| Safety glasses with side shields | Normal use conditions | | EN 166 |
| Chemical goggles or face shield | Droplet | | EN 166 |

8.2.2.2. Skin protection

| Skin and body protection | |
|------------------------------------|--------------|
| Type | Standard |
| Long sleeved protective clothing | |
| Chemical resistant safety shoes | EN ISO 20345 |
| Use chemically protective clothing | EN 13034 |

| Hand protection | | | | | |
|-------------------|----------------------|-------------------|----------------|-------------|------------|
| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
| Disposable gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.35 mm | | EN ISO 374 |
| Disposable gloves | Butyl rubber | 6 (> 480 minutes) | 0.5 mm | | EN ISO 374 |

8.2.2.3. Respiratory protection

No additional information available

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---------------------|
| Physical state | : Liquid |
| Colour | : Yellow. |
| Odour | : Characteristic. |
| Odour threshold | : Not available |
| pH | : 0.5 – 1.5 |
| pH solution concentration | : 100 % |
| Melting point | : Not available |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flash point | : > 65 °C |
| Explosive limits | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Relative vapour density at 20°C | : Not available |
| Relative density | : Not available |
| Density | : 1.04 – 1.05 g/ml |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| Viscosity, kinematic | : Not available |
| Explosive properties | : Not available |

9.2. Other information

| | |
|--------------------------|------------------|
| Particle characteristics | : Not applicable |
|--------------------------|------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Bases.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|---|
| Acute toxicity (oral) | : Harmful if swallowed. |
| Acute toxicity (dermal) | : Not classified (Conclusive but not sufficient for classification) |
| Acute toxicity (inhalation) | : Not classified (Conclusive but not sufficient for classification) |

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

| | |
|--|---|
| Isotridecanol, ethoxylated (69011-36-5) | |
| LD50 oral | > 2000 mg/kg bodyweight |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit | ≈ 5960 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other: |
| D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1) | |
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method) |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal | > 2000 mg/kg bodyweight |
| oxalic acid (144-62-7) | |
| LD50 oral rat | 375 mg/kg |
| LD50 dermal rabbit | 20000 mg/kg bodyweight Animal: rabbit |
| N,N-dimethyltetradecylamine N-oxide (3332-27-2) | |
| LD50 oral rat | 1064 mg/kg |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| Phosphoric acid (7664-38-2) | |
| LD50 oral rat | 1.25 g/kg |
| LD50 oral | 301 mg/kg |
| LD50 dermal rabbit | 2740 mg/kg Source: ECHA |
| Skin corrosion/irritation | : Causes severe skin burns. pH: 0.5 – 1.5 |
| N,N-dimethyltetradecylamine N-oxide (3332-27-2) | |
| pH | 7 – 9 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 0.5 – 1.5 |
| N,N-dimethyltetradecylamine N-oxide (3332-27-2) | |
| pH | 7 – 9 |
| Respiratory or skin sensitisation | : Not classified (Conclusive but not sufficient for classification) |
| Germ cell mutagenicity | : Not classified (Conclusive but not sufficient for classification) |
| Carcinogenicity | : Not classified (Conclusive but not sufficient for classification) |
| Reproductive toxicity | : Not classified (Conclusive but not sufficient for classification) |
| STOT-single exposure | : Not classified (Conclusive but not sufficient for classification) |
| STOT-repeated exposure | : Not classified (Conclusive but not sufficient for classification) |
| Isotridecanol, ethoxylated (69011-36-5) | |
| NOAEL (oral, rat, 90 days) | ≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| N,N-dimethyltetradecylamine N-oxide (3332-27-2) | |
| NOAEL (oral, rat, 90 days) | 40 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| Aspiration hazard | : Not classified (Conclusive but not sufficient for classification) |

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Conclusive but not sufficient for classification)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Conclusive but not sufficient for classification)

Isotridecanol, ethoxylated (69011-36-5)

| | |
|------------------------------------|--|
| LC50 - Fish [1] | > 1 mg/l |
| EC50 - Crustacea [1] | 1.5 mg/l Test organisms (species): Daphnia magna |
| EC50 - Other aquatic organisms [1] | > 1 mg/l waterflea |
| EC50 96h - Algae [1] | 11.5 mg/l Source: EPISUITE v4.1 |

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

| | |
|------------------------|---|
| LC50 - Fish [1] | 100.81 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| LC50 - Fish [2] | 170 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1] | > 100 mg/l Test organisms (species): Daphnia magna |
| EC50 - Crustacea [2] | 31.62 mg/l (OECD 202 method) |
| EC50 72h - Algae [1] | 27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2] | 37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| NOEC chronic fish | 1.8 mg/l Brachydanio rerio (zebra-fish) |
| NOEC chronic crustacea | 2 mg/l Daphnia magna (Water flea) |

oxalic acid (144-62-7)

| | |
|----------------------|--|
| LC50 - Fish [1] | 160 mg/l |
| EC50 - Crustacea [1] | 162.2 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | 19.83 – 21.35 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

N,N-dimethyltetradecylamine N-oxide (3332-27-2)

| | |
|----------------------|---|
| LC50 - Fish [1] | 2.67 mg/l |
| EC50 - Crustacea [1] | 3.1 mg/l |
| ErC50 algae | 0.19 mg/l |
| NOEC (chronic) | 0.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic fish | 0.42 mg/l Test organisms (species): Pimephales promelas Duration: '302 d' |

Phosphoric acid (7664-38-2)

| | |
|----------------------|---|
| LC50 - Fish [1] | 75.1 mg/l Source: ECHA |
| EC50 - Crustacea [1] | > 100 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

12.2. Persistence and degradability

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| | |
|-------------------------------|---|
| Persistence and degradability | The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
|-------------------------------|---|

Isotridecanol, ethoxylated (69011-36-5)

| | |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

| | |
|-------------------------------|--------------------------|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 100 % (OECD 301E method) |

oxalic acid (144-62-7)

| | |
|---------------------------------|------------------------------------|
| Persistence and degradability | Rapidly degradable |
| Biochemical oxygen demand (BOD) | 0.16 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 0.18 g O ₂ /g substance |
| Biodegradation | 40 % |

N,N-dimethyltetradecylamine N-oxide (3332-27-2)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Rapidly degradable |
| Biodegradation | 80 % (OECD 310 method) |

Phosphoric acid (7664-38-2)

| | |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

12.3. Bioaccumulative potential

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

| | |
|---|------------------|
| Bioconcentration factor (BCF REACH) | < 100 |
| Partition coefficient n-octanol/water (Log Kow) | ≤ -0.07 at 20 °C |

oxalic acid (144-62-7)

| | |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -0.81 |
|---|-------|

N,N-dimethyltetradecylamine N-oxide (3332-27-2)

| | |
|---|-----|
| Partition coefficient n-octanol/water (Log Pow) | 2.7 |
|---|-----|

Phosphoric acid (7664-38-2)

| | |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -0.77 |
|---|-------|

12.4. Mobility in soil

Isotridecanol, ethoxylated (69011-36-5)

| | |
|------------------|-----------------------------|
| Mobility in soil | 111.3 Source: EPISUITE v4.1 |
|------------------|-----------------------------|

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

| | |
|------------------|-------------------------|
| Mobility in soil | 0.2624 Source: EPISUITE |
|------------------|-------------------------|

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

N,N-dimethyltetradecylamine N-oxide (3332-27-2)

| | |
|------------------|---|
| Mobility in soil | 3.99 Source: Quantitative Structure Activity Relation |
|------------------|---|

12.5. Results of PBT and vPvB assessment

Component

| | |
|---|---|
| Isotridecanol, ethoxylated (69011-36-5) | This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII |
| D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1) | This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII |
| oxalic acid (144-62-7) | This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII |
| N,N-dimethyltetradecylamine N-oxide (3332-27-2) | This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII |
| Phosphoric acid (7664-38-2) | This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|---------------------------|---|
| Regional waste regulation | : Dispose of in accordance with relevant local regulations. |
| HP Code | : HP8 - "Corrosive:" waste which on application can cause skin corrosion. |

SECTION 14: Transport information






In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|--|--|--|--|
| 14.1. UN number | | | | |
| UN 1760 | UN 1760 | UN 1760 | UN 1760 | UN 1760 |
| 14.2. UN proper shipping name | | | | |
| CORROSIVE LIQUID, N.O.S. (Phosphoric acid) | CORROSIVE LIQUID, N.O.S. (Phosphoric acid) | Corrosive liquid, n.o.s. (Phosphoric acid) | CORROSIVE LIQUID, N.O.S. (Phosphoric acid) | CORROSIVE LIQUID, N.O.S. (Phosphoric acid) |
| Transport document description | | | | |
| UN 1760 CORROSIVE LIQUID, N.O.S. (Phosphoric acid), 8, III, (E) | UN 1760 CORROSIVE LIQUID, N.O.S. (Phosphoric acid), 8, III | UN 1760 Corrosive liquid, n.o.s. (Phosphoric acid), 8, III | UN 1760 CORROSIVE LIQUID, N.O.S. (Phosphoric acid), 8, III | UN 1760 CORROSIVE LIQUID, N.O.S. (Phosphoric acid), 8, III |

HG limescale remover foam spray super powerful

Safety Data Sheet

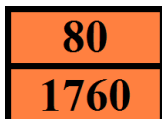
According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| 14.3. Transport hazard class(es) | | | | |
| 8 | 8 | 8 | 8 | 8 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: False | Dangerous for the environment: False Marine pollutant: No | Dangerous for the environment: False | Dangerous for the environment: False | Dangerous for the environment: False |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

| | |
|---|---------------------------|
| Classification code (ADR) | : C9 |
| Special provisions (ADR) | : 274 |
| Limited quantities (ADR) | : 5I |
| Excepted quantities (ADR) | : E1 |
| Packing instructions (ADR) | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (ADR) | : MP19 |
| Portable tank and bulk container instructions (ADR) | : T7 |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP28 |
| Tank code (ADR) | : L4BN |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 3 |
| Special provisions for carriage - Packages (ADR) | : V12 |
| Hazard identification number (Kemler No.) | : 80 |
| Orange plates | : |



| | |
|-------------------------------|------|
| Tunnel restriction code (ADR) | : E |
| EAC code | : 2X |

Transport by sea

| | |
|------------------------------------|--|
| Special provisions (IMDG) | : 223, 274 |
| Limited quantities (IMDG) | : 5 L |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : P001, LP01 |
| IBC packing instructions (IMDG) | : IBC03 |
| Tank instructions (IMDG) | : T7 |
| Tank special provisions (IMDG) | : TP1, TP28 |
| EmS-No. (Fire) | : F-A |
| EmS-No. (Spillage) | : S-B |
| Stowage category (IMDG) | : A |
| Stowage and handling (IMDG) | : SW2 |
| Properties and observations (IMDG) | : Causes burns to skin, eyes and mucous membranes. |

Air transport

| | |
|--|--------|
| PCA Excepted quantities (IATA) | : E1 |
| PCA Limited quantities (IATA) | : Y841 |
| PCA limited quantity max net quantity (IATA) | : 1L |

HG limescale remover foam spray super powerful

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

| | |
|---------------------------------|------------|
| PCA packing instructions (IATA) | : 852 |
| PCA max net quantity (IATA) | : 5L |
| CAO packing instructions (IATA) | : 856 |
| CAO max net quantity (IATA) | : 60L |
| Special provisions (IATA) | : A3, A803 |
| ERG code (IATA) | : 8L |

Inland waterway transport

| | |
|-----------------------------------|----------|
| Classification code (ADN) | : C9 |
| Special provisions (ADN) | : 274 |
| Limited quantities (ADN) | : 5 L |
| Excepted quantities (ADN) | : E1 |
| Carriage permitted (ADN) | : T |
| Equipment required (ADN) | : PP, EP |
| Number of blue cones/lights (ADN) | : 0 |

Rail transport

| | |
|---|---------------------------|
| Classification code (RID) | : C9 |
| Special provisions (RID) | : 274 |
| Limited quantities (RID) | : 5L |
| Excepted quantities (RID) | : E1 |
| Packing instructions (RID) | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID) | : MP19 |
| Portable tank and bulk container instructions (RID) | : T7 |
| Portable tank and bulk container special provisions (RID) | : TP1, TP28 |
| Tank codes for RID tanks (RID) | : L4BN |
| Transport category (RID) | : 3 |
| Special provisions for carriage – Packages (RID) | : W12 |
| Colis express (express parcels) (RID) | : CE8 |
| Hazard identification number (RID) | : 80 |

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

UK REACH Candidate List (SVHC)

Contains no substance(s) listed on the UK REACH Candidate List

Detergent Regulation (648/2004)

GB PIC regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

HG limescale remover foam spray super powerful

Safety Data Sheet

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Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure: {0}

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure: Phosphoric acid - 7664-38-2 (30 % w/w)

Drug Precursors Regulation (273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

15.1.2. Other Information

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |
| Met. Corr. 1 | Corrosive to metals, Category 1 |
| Skin Corr. 1 | Skin corrosion/irritation, Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|------|-----------------------|
| Acute Tox. 4 (Oral) | H302 | Calculation method |
| Skin Corr. 1 | H314 | On basis of test data |
| Eye Dam. 1 | H318 | On basis of test data |

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.