# **SAFETY DATA SHEET**

HG Cement & Limefilm remover for outdoor walls



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

1.1 Product identifier	
Product name	: HG Cement & Limefilm remover for outdoor walls
Product code	: 299 ART
Product description	: Cleaner.
Product type	: Liquid.
Other means of identification	: Not available.

**1.2 Relevant identified uses of the substance or mixture and uses advised against** Not applicable.

### 1.3 Details of the supplier of the safety data sheet

HG International BV Damsluisweg 70 - NL-1332 EJ - Almere - The Netherlands Tel.: +31 (0)36 54 94 700 - Fax: +31 (0)36 54 94 744 Email: info@hg.eu - Internet: www.hg.eu

e-mail address of person : safety@hg.eu responsible for this SDS

### **National contact**

HG Hagesan UK Ltd. Unit 2 Lanswood Park Broomfield Road Elmstead Market Colchester Essex CO7 7FD Tel.: 0044 (0)1206 822744 Fax: 0044 (0)1206 827019

### 1.4 Emergency telephone number

### National advisory body/Poison Centre

: England and Wales NHS Direct: 0845 4647
Scotland NHS 24: 08454 24 24 24
Republic of Ireland 01 809 2166
: +31 (0)36 54 94 777
: Mo-Fr 9.00-17.00
: Only for medical personnel.

# **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Product definition : Mixture

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

Skin Corr. 1, H314 Eye Dam. 1, H318

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Ingredients of unknown : 9,7 percent of the mixture consists of component(s) of unknown toxicity

Classification according to Directive 1999/45/EC [DPD]

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

1.1	C; R34
	Xi; R37

### Human health hazards

: Causes burns. Irritating to respiratory system.

See Section 16 for the full text of the R phrases or H statements declared above.

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

### 2.2 Label elements

Classification

Hazard pictograms



Signal word	:	Danger
Hazard statements	1	Causes severe skin burns and eye damage.
Precautionary statements		
General	1	If medical advice is needed: Have product container or label at hand. Keep out of reach of children.
Prevention	1	Wear protective gloves and eye protection.
Response	:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	1	Not applicable
Disposal	1	Not applicable
Hazardous ingredients	:	hydrochloric acid sulphamidic acid Isotridecanol, ethoxylated
Supplemental label elements	1	Warning! Do not use together with other products. May release dangerous gases (chlorine).
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	<u>en</u>	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Yes, applicable.
Tactile warning of danger	:	Yes, applicable.
2.3 Other hazards		

HG Cement & Limefilm remover for outdoor walls

### SECTION 2: Hazards identification

: None known. Other hazards which do not result in classification

# **SECTION 3: Composition/information on ingredients**

3.2 Mixtures	: Mixture				
			Class	ification	
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
hydrochloric acid	EC: 231-595-7 CAS: 7647-01-0 Index: 017-002-01-X	<10	C; R34 Xi; R37	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335	[1] [2]
sulphamidic acid	EC: 226-218-8 CAS: 5329-14-6 Index: 016-026-00-0	≥2.5 - <5	Xi; R36/38 R52/53	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	[1]
lsotridecanol, ethoxylated	EC: 500-241-6 CAS: 69011-36-5	≥1 - <5	Xi; R41	Eye Dam. 1, H318	[1]
			See Section 16 for the full text of the R-phrases declared above.	See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

# SECTION 4: First aid measures

### 4.1 Description of first aid measures

Eye contact	Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	Get medical attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Get medical attention immediately. Call a poison center or physician. Chemical burns must be treated promptly by a physician.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

# **SECTION 4: First aid measures**

4.2 Most important sympt	oms and effects, both acute and delayed		
Potential acute health ef	f <u>ects</u>		
Eye contact	: Causes serious eye damage.		
Inhalation	: No known significant effects or critical hazards.		
Skin contact	: Causes severe burns.		
Ingestion	: No known significant effects or critical hazards.		
Over-exposure signs/sy	mptoms		
Eye contact	: Adverse symptoms may include the following: pain watering redness		
Inhalation	: No specific data.		
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur		
Ingestion	: Adverse symptoms may include the following: stomach pains		
4.3 Indication of any imme	ediate medical attention and special treatment needed		
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>		
Specific treatments	: No specific treatment.		

# SECTION 5: Firefighting measures

U	5
5.1 Extinguishing media Suitable extinguishing media	: Not applicable
Unsuitable extinguishing media	: Not applicable
5.2 Special hazards arising f	rom the substance or mixture
Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds
5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	otec	ctive equipment and emergency procedures
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and material for	coi	ntainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

### Seveso Directive - Reporting thresholds (in tonnes)

	Date of issue/Date of revision	: 5-1-2016	Date of previous issue	: No previous validation	Version : 1	5/14
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# **SECTION 7: Handling and storage**

Named substances		
	Notification and MAPP threshold	Safety report threshold
Hydrogen chloride liquefied gas	25	250

### 7.3 Specific end use(s)

Recommendations

: Not available. : Not available.

Industrial sector specific solutions

# **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

### **Occupational exposure limits**

Product/ingredient name		Exposure limit values	
hydrochloric acid		EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 8 mg/m <sup>3</sup> 15 minutes. Form: Gas and aerosol mists STEL: 5 ppm 15 minutes. Form: Gas and aerosol mists TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Gas and aerosol mists TWA: 1 ppm 8 hours. Form: Gas and aerosol mists	
Recommended monitoring procedures	atmosphere or l of the ventilation protective equip the following: E the assessment limit values and atmospheres - ( exposure to che (Workplace atm for the measure	ontains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness in or other control measures and/or the necessity to use respiratory ment. Reference should be made to monitoring standards, such as suropean Standard EN 689 (Workplace atmospheres - Guidance for c of exposure by inhalation to chemical agents for comparison with measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment of emical and biological agents) European Standard EN 482 nospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be	
DNELs/DMELs No DNELs/DMELs available			
PNECs			
No PNECs available			
.2 Exposure controls			
Appropriate engineering controls	enclosures, loc	ns generate dust, fumes, gas, vapour or mist, use process al exhaust ventilation or other engineering controls to keep worker borne contaminants below any recommended or statutory limits.	
Individual protection measu	res		
Hygiene measures	eating, smoking Appropriate tec Wash contamir	prearms and face thoroughly after handling chemical products, before g and using the lavatory and at the end of the working period. chniques should be used to remove potentially contaminated clothing. nated clothing before reusing. Ensure that eyewash stations and are close to the workstation location.	

# **SECTION 8: Exposure controls/personal protection**

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Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead. Recommended: chemical splash goggles.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): butyl rubber
Body protection	<ul> <li>Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Other skin protection	<ul> <li>Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical	I and chemical properties
<u>Appearance</u>	
Physical state	: Liquid.
Colour	: Yellowish.
Odour	: Characteristic.
Odour threshold	: Not available.
рН	: <1 [Conc. (% w/w): 100%]
Melting point/freezing point	: 0°C
Initial boiling point and boiling range	: 100°C
Flash point	: Not available.
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Upper/lower flammability or explosive limits	: Not available.
Vapour pressure	: Not available.
Vapour density	: Not available.
Relative density	: Not available.
Solubility(ies)	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
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# **SECTION 9: Physical and chemical properties**

### Viscosity

: Dynamic (room temperature): 157 mPa·s

Explosive properties Oxidising properties Not available.Not available.

### 9.2 Other information

No additional information.

SECTION 10: Stability and reactivity			
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.		
10.2 Chemical stability	: The product is stable.		
10.3 Possibility of hazardous reactions	: Hazardous reactions or instability may occur under certain conditions of storage or use.		
10.4 Conditions to avoid	: No specific data.		
10.5 Incompatible materials	: Attacks many metals producing extremely flammable hydrogen gas which can form explosive mixtures with air. Reactive or incompatible with the following materials: alkalis		
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.		

# **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
sulphamidic acid	LD50 Oral	Rat	3160 mg/kg	-

Conclusion/Summary : Not available.

### Acute toxicity estimates

Not available.

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
hydrochloric acid	Eyes - Mild irritant	Rabbit	-	0.5 minutes 5 milligrams	-
	Skin - Mild irritant	Human	-	24 hours 4 Percent	-
sulphamidic acid	Eyes - Moderate irritant	Rabbit	-	20 milligrams	-
	Eyes - Severe irritant	Rabbit	-	24 hours 250 Micrograms	-
	Skin - Mild irritant	Human	-	120 hours 4 Percent Intermittent	-
	Skin - Severe irritant	Rabbit	-	24 hours 500 milligrams	-
Conclusion/Summary	: Not available.				
<b>Sensitisation</b>					
Conclusion/Summary <u>Mutagenicity</u>	: Not available.				

IG Cement & Limefilm remover for ou				
SECTION 11: Toxico	logical information	on		
Conclusion/Summary	: Not available.			
Carcinogenicity				
Conclusion/Summary	: Not available.			
Reproductive toxicity				
Conclusion/Summary	: Not available.			
Teratogenicity				
Conclusion/Summary	: Not available.			
Specific target organ toxici	<u>ty (single exposure)</u>			
	jredient name	Category	Route of	Target organs
	,		exposure	i al got ol gallo
hydrochloric acid		Category 3	Not applicable.	Respiratory tract irritation
Specific target organ toxici	ty (repeated exposure)			
Not available.				
Aspiration hazard				
Not available.				
Not available.				
nformation on likely routes of exposure	: Not available.			
Potential acute health effects	e			
Eye contact	<ul> <li>Causes serious eye of</li> </ul>	lamane		
Inhalation	: No known significant	-	de	
Skin contact	: Causes severe burns		us.	
Ingestion	: No known significant		.de	
ingestion	. No known significant		us.	
Symptoms related to the phy	vsical, chemical and toxi	cological characteris	<u>tics</u>	
Eye contact	: Adverse symptoms n	nay include the followin	g:	
	pain			
	watering redness			
Inhalation	: No specific data.			
Skin contact	: Adverse symptoms n	nav include the followin	a.	
oran contact	pain or irritation		м.	
			0	
	redness		0	
Ingestion	redness		-	
Ingestion Delayed and immediate effect	<ul><li>redness</li><li>blistering may occur</li><li>Adverse symptoms n stomach pains</li></ul>	nay include the followin	g:	<u>e</u>
	<ul><li>redness</li><li>blistering may occur</li><li>Adverse symptoms n stomach pains</li></ul>	nay include the followin	g:	<u>e</u>
Delayed and immediate effect	<ul><li>redness</li><li>blistering may occur</li><li>Adverse symptoms n stomach pains</li></ul>	nay include the followin	g:	<u>e</u>
<u>Delayed and immediate effect</u> <u>Short term exposure</u> Potential immediate	<ul> <li>redness</li> <li>blistering may occur</li> <li>Adverse symptoms n stomach pains</li> </ul>	nay include the followin	g:	<u>e</u>
<u>Delayed and immediate effect</u> <u>Short term exposure</u> Potential immediate effects	<ul> <li>redness blistering may occur</li> <li>Adverse symptoms n stomach pains</li> <li>cts as well as chronic eff</li> <li>Not available.</li> </ul>	nay include the followin	g:	<u>e</u>
Delayed and immediate effect Short term exposure Potential immediate effects Potential delayed effects	<ul> <li>redness blistering may occur</li> <li>Adverse symptoms n stomach pains</li> <li>cts as well as chronic eff</li> <li>Not available.</li> </ul>	nay include the followin	g:	<u>e</u>
Delayed and immediate effect Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate	<ul> <li>redness blistering may occur</li> <li>Adverse symptoms n stomach pains</li> <li>cts as well as chronic eff</li> <li>Not available.</li> <li>Not available.</li> </ul>	nay include the followin	g:	<u>e</u>
Delayed and immediate effect Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects	<ul> <li>redness blistering may occur</li> <li>Adverse symptoms n stomach pains</li> <li>cts as well as chronic eff</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> </ul>	nay include the followin	g:	<u>e</u>

Date of issue/Date of revision

# **SECTION 11: Toxicological information**

General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

**Other information** 

: Not available.

# **SECTION 12: Ecological information**

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
hydrochloric acid	Acute LC50 240000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
sulphamidic acid	Acute LC50 282 ppm Fresh water Acute LC50 14200 μg/l Fresh water	Fish - Gambusia affinis - Adult Fish - Pimephales promelas	96 hours 96 hours
Conclusion/Commons	. Easily biological degradable		

Conclusion/Summary

: Easily biological degradable

### 12.2 Persistence and degradability

Conclusion/Summary	: Easily biological degradable		
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
HG Cement & Limefilm remover for outdoor walls	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
sulphamidic acid	0,101	-	low
Isotridecanol, ethoxylated	-	232,5	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment		
PBT	: Not applicable.	
vPvB	: Not applicable.	

**12.6 Other adverse effects** : No known significant effects or critical hazards.

# **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

### **Product**

# **SECTION 13: Disposal considerations**

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
Packaging	
Methods of disposal	<ul> <li>The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.</li> </ul>
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	1760	1760	1760	1760
14.2 UN proper shipping name	LDT QTY, CORROSIVE LIQUID N.O.S. of class 8", UN 1760, PG III, (Hydrochloric acid, 10%, mixture)	LDT QTY, CORROSIVE LIQUID N.O.S. of class 8", UN 1760, PG III, (Hydrochloric acid, 10%, mixture)	LDT QTY, CORROSIVE LIQUID N.O.S. of class 8", UN 1760, PG III, (Hydrochloric acid, 10%, mixture)	LDT QTY, CORROSIVE LIQUID N.O.S. of class 8", UN 1760, PG III, (Hydrochloric acid, 10%, mixture)
14.3 Transport hazard class(es)	8	8	8	8
14.4 Packing group	Ш	Ш	Ш	Ш
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	Hazard identification number 80 Limited quantity 5 L	-	<u>Emergency</u> <u>schedules (EmS)</u> F-A, S-B	-
	Tunnel code (E)			

14.6 Special precautions for user

: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

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SECTION 15: Re	gulatory information
5.1 Safety, health and	environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No	
Annex XIV - List of su	ubstances subject to authorisation
Annex XIV	
None of the compone	
Substances of very	
None of the compone	
Annex XVII - Restrict	ions : Not applicable.
placing on the marke	it and
use of certain dange	rous
substances, mixtures articles	s and
Other EU regulations	
Europe inventory	: Not determined.
Industrial emissions	: Listed
(integrated pollution	
prevention and contr Air	ol) -
	stances (1005/2009/EU)
Not listed.	
Prior Informed Conse Not listed.	ent (PIC) (649/2012/EU)
<u>Seveso Directive</u>	
•	led under the Seveso Directive.
Named substances	
Name	
Hydrogen chloride li	quefied gas
International regulatio	ns
	nvention List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol (An	nexes A B C F)
Not listed.	
	n on Persistent Organic Pollutants
Not listed.	
Rotterdam Conventio	<u>n on Prior Inform Consent (PIC)</u>
Not listed.	
UNECE Aarhus Protoc	ol on POPs and Heavy Metals
Not listed.	
International lists	
<u>National inventory</u>	
Australia	: All components are listed or exempted.
Canada	: Not determined.
China	: Not determined.
Japan	: Japan inventory (ENCS): Not determined.
	Japan inventory (ISHL): Not determined.
Malaysia	: Not determined.
New Zealand	: Not determined.

## SECTION 15: Regulatory information

Philippines	: All components are listed or exempted.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
15.2 Chemical safety assessment	: This product contains substances for which Chemical Safety Assessments are still required.

# **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Corr. 1, H314	Expert judgment
Eye Dam. 1, H318	Expert judgment

Full text of abbreviated H statements

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Amustic Observice 2, 11440	
Aquatic Chronic 3, H412	LONG-TERM AQUATIC HAZARD - Category 3
Eye Dam. 1, H318	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Skin Corr. 1, H314	SKIN CORROSION/IRRITATION - Category 1
Skin Corr. 1B, H314	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2, H315	SKIN CORROSION/IRRITATION - Category 2
STOT SE 3, H335	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
	(Respiratory tract irritation) - Category 3

### Full text of abbreviated R phrases

R34- Causes burns. R41- Risk of serious damage to eyes. R37- Irritating to respiratory system. R36/38- Irritating to eyes and skin. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Full text of classifications [DSD/DPD] C - Corrosive Xi - Irritant **Date of printing** : 5-1-2016 Date of issue/ Date of : 5-1-2016 revision Date of previous issue : No previous validation Date of issue/Date of revision : 5-1-2016 Date of previous issue : No previous validation

HG Cement & Limefilm remover for outdoor walls

# **SECTION 16: Other information**

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#### Version

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.