

MACHINE GLASS RENOVATOR

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

1.1 - Product identifier

Trade name/designation MACHINE GLASS RENOVATOR

Chemical name

Product-type Mixture

Product code 14979
4011025

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

Relevant identified uses - PC35: Washing and cleaning products
(including solvent based products).

1.3 - Details of the supplier of the safety data sheet

Sybron (UK) Ltd
Unit 3 & 4 Crammond Park
Lobet Road
CM19 5TF Harlow United Kingdom
Telephone : 01279422722
Website www.sybron.co.uk
Mark Newson: 01279422722 sales@sybron.co.uk

1.4 - Emergency telephone number

United Kingdom: NHS Direct 111

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Skin Corr. 1	Skin corrosion, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: sodium hydroxide (CAS No.: 1310-73-2) | sodium hypochlorite, solution ... % Cl active (CAS No.: 7681-52-9)

Signal word : Danger

Hazard pictograms



Hazard statements

H314	Causes severe skin burns and eye damage
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

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P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national regulation.

EUH-phrases

EUH031	Contact with acids liberates toxic gas
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2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
sodium hydroxide	CAS No. : 1310-73-2 Index No. : 011-002-00-6 EC No. : 215-185-5	0 - 10	Eye Dam. 1 - H318 Skin Corr. 1A - H314	Not applicable
sodium hypochlorite, solution ... % Cl active	CAS No. : 7681-52-9 Index No. : 017-011-00-1 EC No. : 231-668-3	0 - 5	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Eye Dam. 1 - H318 Skin Corr. 1B - H314	EUH031 - : 5>=%<=100 M-factor: 10 / 1

SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	- Provide fresh air.
<u>Following skin contact</u>	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
<u>After ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting. - Seek medical advice immediately.

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

<u>Symptoms and effects - Following inhalation</u>	- There may be irritation of the throat with a feeling of tightness in the chest.
<u>Symptoms and effects - Following skin contact</u>	- Causes skin irritation. - Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.
<u>Symptoms and effects - After eye contact</u>	- Serious eye damage/eye irritation
<u>Symptoms and effects - After ingestion</u>	- There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

- Eye bathing equipment should be available on site.
- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO ₂) - Foam - Extinguishing powder
<u>Unsuitable extinguishing media</u>	- Full water jet

5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	- Hazardous combustion products - Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.
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5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

<u>For non-emergency personnel</u>	- Use personal protection equipment. - If outside, keep bystanders upwind and away from danger point. - Mark out the contaminated area with signs and prevent access to unauthorised access. - Turn leaking containers upside to prevent further escape of liquid
<u>For emergency responders</u>	- No information available.

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6.2 - Environmental precautions

- Contain the spillage using bunding.
- Do not allow large spills to enter into surface water or drains.
- Ensure waste is collected and contained.

6.3 - Methods and material for containment and cleaning up

<u>Methods and material for containment</u>	- Clear spills immediately.
<u>Methods and material for cleaning up</u>	- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). - Wash with plenty of water.
<u>Inappropriate techniques</u>	- No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

<u>Recommendation</u>	- Avoid: Eye contact - Avoid:Skin contact - Ensure adequate ventilation
<u>Advices on general occupational hygiene</u>	- Wash contaminated clothing prior to re-use. - Wash hands before breaks and after work. - When using do not eat, drink, smoke, sniff. - Work in well-ventilated zones or use proper respiratory protection.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in a cool, well-ventilated place.
- Only use containers specifically approved for the substance/product.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

<u>Appropriate engineering controls</u>	- Ensure there is sufficient ventilation
<u>Individual protection measures, such as personal protective equipment</u>	- Eye protection - Protective Clothing



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- Protective gloves



- Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	<u>Liquid</u>	<u>Appearance</u>	<u>Liquid</u>
<u>Colour</u>	yellow	<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		12.5	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		No data available	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		Soluble in water.	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		Non-viscous	
<u>Particle characteristics</u>			
Particle size		No data available	

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

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- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Avoid direct sunlight.
- Avoid excessive heat for prolonged periods of time.

10.5 - Incompatible materials

- Strong Acids and Oxidising Agents

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Skin corrosion, Category 1 - Causes severe skin burns and eye damage

Serious eye damage/eye irritation - Serious eye damage, Category 1

- Risk of serious damage to eyes.
- Causes serious eye irritation.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

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11.2 - Information on other hazards

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

sodium hydroxide (1310-73-2)	
EC50 48 hr crustacea	156 mg/l
LC50 96 hr fish	55.6 mg/l

- Harmful to aquatic life with long lasting effects.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

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<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

14.3 - Transport hazard class(es)

14.4 - Packing group

14.5 - Environmental hazards

14.6 - Special precautions for user

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	No data available

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	07/03/2022		

Texts of the regulatory sentences

Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Eye Dam. 1	Serious eye damage, Category 1
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

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H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
Skin Corr. 1	Skin corrosion, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B

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