Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 08.09.2020 Version number 2 Revision: 08.09.2020

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

1.1 Product identifier
Trade name weber.sys 994

Safety data sheet no.: 49PX20499
1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
Application of the substance / the mixture Paint remover

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint Gobain Weber GmbH
Schanzenstr. 84
D-40549 Düsseldorf
+49(0)211/91369-0
email: Produktsicherheit@sg-weber.de
1.4 Emergency telephone number: Telefon: +49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

GHS05 corrosion

Met. Corr.1 H290 May be corrosive to metals.
Skin Corr. 1B H314 Causes severe skin burns and eye damage.

GHS07

STOT SE 3 H335 May cause respiratory irritation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Hazard pictograms

GHS05 GHS07

Signal word Danger

Hazard-determining components of labelling:
Hydrogen chloride
Hazard statements
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.
Precautionary statements
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].

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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.
P310 Immediately call a POISON CENTER/doctor.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.

*
SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture: consisting of the following components.

Dangerous components:		
CAS: 7647-01-0 EINECS: 231-595-7 Index number: 017-002-02-7 Reg.nr.: 01-2119484862-27-xxxx	Hydrogen chloride Met. Corr.1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318; STOT SE 3, H335	>50%
CAS: 9002-92-0 EC number: 931-996-3 Reg.nr.: 01-2119968561-30-xxxx	Dodecan-1-ol, ethoxylated (≥2.5 moles EO) Aquatic Acute 1, H400; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	0.1-1%

SVHC Void
Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information
Immediately remove any clothing soiled by the product.
Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.
After inhalation
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
After skin contact
Immediately wash with water and soap and rinse thoroughly.
Call a doctor immediately.
After eye contact
Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).
After swallowing Drink plenty of water and provide fresh air. Call for a doctor immediately.
4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed
If swallowed, gastric irrigation with added, activated carbon.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents
Use fire extinguishing methods suitable to surrounding conditions.

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5.2 Special hazards arising from the substance or mixture
In case of fire, the following can be released:
Hydrogen chloride (HCl)
5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.

*
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions:
The product must not get into watercourses
or into the soil.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
6.4 Reference to other sections
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Keep receptacles tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles: Store in a cool location.
Information about storage in one common storage facility:
Do not store together with alkalis (caustic solutions).
Store away from metals.
Store away from foodstuffs.
Further information about storage conditions:
Store receptacle in a well ventilated area.
Keep container tightly sealed.
7.3 Specific end use(s) No further relevant information available.

*
SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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CAS No. Designation of material	%	Type	Value Unit
CAS: 7647-01-0 Hydrogen chloride			
TWA (Italy)	Ceiling limit: 2.9 mg/m³, 2 ppm A4		

Additional information:
The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Respiratory protection:
Use suitable respiratory protective device in case of insufficient ventilation.
In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.
Short term filter device:
Filter B.
Protection of hands:
Protective gloves.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves
Fluorocarbon rubber (FKM-Viton)
Butyl rubber, BR
Recommended thickness of the material: ≥ 0.5 mm
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material
Breakthrough time: > 480 min
Value for the permeation: Level ≤ 6
The exact breaktrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection: Tightly sealed goggles
Body protection: Acid resistant protective clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	Fluid
Colour:	transparent green
Odour:	Pungent
Odour threshold:	Not determined.

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pH-value at 20 °C:	< 1 (DIN 19261)
Change in condition **Initial boiling point and boiling range:**	90 °C (DIN)
Flash point:	Not applicable
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits: **Oxidising properties**	Not determined.
Vapour pressure:	20 hPa (DIN 51640)
Density at 20 °C:	1.15 g/cm³ (DIN 51757)
Bulk density: **Vapour density** **Evaporation rate**	Not applicable. Not determined. Not determined.
Solubility in / Miscibility with **Water:**	Fully miscible
Segregation coefficient (n-octanol/water) log Pow:	Not determined.
Viscosity: **dynamic:** **kinematic:**	 Not determined. Not determined.
Solvent separation test: **Solvent content:** **Organic solvents:** **EU-VOC (%)** **EU-VOC (g/L)** **9.2 Other information**	Not applicable. 0.0 % 0.00 % 0.0 g/l None.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / Conditions to be avoided:
No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions
Violent reaction with concentrated alkali and oxidizing agents
Corrosive action on metals
Reacts with metals forming hydrogen
10.4 Conditions to avoid No further relevant information available.
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products: Hydrogen chloride (HCl)

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity Based on available data, the classification criteria are not met.

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LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 7647-01-0 Hydrogen chloride			
Oral	LD50	900 mg/kg (Rabbit)	
Dermal	LD50	>5,010 mg/kg (Rabbit)	

Primary irritant effect:
Skin corrosion/irritation
Causes severe skin burns and eye damage.
Serious eye damage/irritation
Causes severe skin burns and eye damage.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure
May cause respiratory irritation.
STOT-repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: No further relevant information available.

Type of test	Effective concentration	Method	Assessment
CAS: 7647-01-0 Hydrogen chloride			
LC50/96h	24.6 mg/l (Lepomis macrochirus (Sunfish))		
EC50/48h	0.492 mg/l (Daphnia magna)		

12.2 Persistence and degradability No further relevant information available.
Other information: The product is easily biodegradable.
12.3 Bioaccumulative potential No further relevant information available.
Behaviour in environmental systems:
12.4 Mobility in soil No further relevant information available.

Ecotoxical effects:
Remark:
The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.
Remark: The product causes a significant pH change. Neutralise before introduction.
Additional ecological information:

General notes:
Do not allow product to reach ground water, water course or sewage system.
Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
12.5 Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.
12.6 Other adverse effects No further relevant information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Dilute concentrate with water and neutralise afterwards with suitable alkali material (sodium hydroxide solution, lime). The formed neutral salts are relatively environment-friendly.
European waste catalogue
Possible waste code. The concrete waste code depends on the source of the waste.

06 01 02*	hydrochloric acid

Uncleaned packaging:
Recommendation:
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Recommended cleaning agent: Water, if necessary together with cleansing agents.

*

SECTION 14: Transport information

14.1 UN-Number	
ADR, IMDG, IATA	UN1789
14.2 UN proper shipping name	
ADR	1789 HYDROCHLORIC ACID
IMDG, IATA	HYDROCHLORIC ACID
14.3 Transport hazard class(es)	
ADR	

Class	8 (C1) Corrosive substances.
Label	8
IMDG, IATA	

Class	8 Corrosive substances.
Label	8
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Corrosive substances.
Hazard identification number (Kemler code):	80
EMS Number:	F-A,S-B
Segregation groups	Strong acids
Stowage Category	C

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2
Tunnel restriction code	E
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1789 HYDROCHLORIC ACID, 8, II

SECTION 15: Regulatory information

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Department issuing SDS: Product safety department.
Contact: Produktsicherheit@sg-weber.de; tel. +49(0)2363/399-210
Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
Met. Corr.1: Corrosive to metals – Category 1
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.