

Printing date 11.10.2019 Version number 3 Revision: 11.10.2019

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

1.1 Product identifier

Trade name weber.sys 992

Safety data sheet no.: 49PX20334

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

Construction chemicals Cleaning thinner Thinner, Diluent

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



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

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





GHS02 GHS07

Signal word Danger

Hazard-determining components of labelling:

acetone

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Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eve irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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/container in accordance with local/regional/national/

international regulations.

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: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx	xylene Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	>50%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49-xxxx	acetone The Flam. Liq. 2, H225; The Eye Irrit. 2, H319; STOT SE 3, H336	10-20%

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.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

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After skin contact

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Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse liquid should be tempered (20-30°C).

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Hazards Risk of aspiration when vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

6.2 Environmental precautions:

The product must not get into watercourses

or into the soil.

Inform respective authorities in case of seepage into water course or sewage system.

Suppress gases/fumes/haze with water spray.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

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See Section 13 for disposal information.

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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:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

DNELs			
CAS: 133	CAS: 1330-20-7 xylene		
Oral	Derived No Effect Level	12.5 mg/kgxday (consumer systemic long term value)	
Dermal	Derived No Effect Level	212 mg/kgxday (worker systemic long term value)	
		125 mg/kgxday (consumer systemic long term value)	
Inhalative	Derived No Effect Level	221 mg/m³ (worker systemic long term value)	
		65.3 mg/m³ (consumer systemic long term value)	

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Ingredients with	biological limit values:	(Contd. of pa
CAS: 1330-20-7		
BGW (Germany)	•	
	2000 mg/L Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Methylhippur-(Tolur-)Säure (alle Isomere)	
VLB (Spain)	1 g/g creatinina Muestra: orina Momento de Muestero: Final de la jornada laboral Indicador Biológico: Ácidos metilhipúricos	
IBE (Italy)	1.5 g/g creatinina Campioni: urine Momento del prelievo: a fine turno Indicatore biologico: acido metilippurico	
IBE (Portugal)	1.5 g/g creatinina Amostra: urina Momento da amostragem: Fim do turno Indicador biológico: Ácidos (o, m, p)-metilhipúricos	
BNO (Finland)	5.0 mmol/l Altiste: virtsan Näytteenottoajankohta: Työvuoron päätyttyä Parametri: metyylihippuurihappo	
CAS: 67-64-1 acc		
BGW (Germany)	80 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Aceton	
VLB (Spain)	50 mg/l Muestra: orina Momento de Muestero: Final de la jornada laboral Indicador Biológico: Acetona	
IBE (Italy)	50 mg/l Campioni: urine Momento del prelievo: a fine turno Indicatore biologico: acetone	
IBE (Portugal) 50 mg/L Amostra: urina Momento da amostragem: Fim do turno Indicador biológico: Acetona		
	gnation of material % Type Value Unit	
CAS: 1330-20-7		
IOELV (Europear	u Union) Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm Skin	
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		(Contd. of pa
AGW (Germany)	Long-term value: 440 mg/m³, 100 ppm 2(II);DFG, EU, H	
GV (Denmark)	Long-term value: 109 mg/m³, 25 ppm EH	
LEP (Spain)	Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm vía dérmica, VLB, VLI	
TWA (Italy)	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm A4, IBE	
VL (Italy)	Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm Pelle	
VLE (Portugal)	Short-term value: 150 ppm Long-term value: 100 ppm A4;IBE; Irritação ocular, do TRS; afeção do SNC	
OEL (Sweden)	Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm H	
HTP (Finland)	Short-term value: 440 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm iho	
CAS: 67-64-1 acetone		
IOELV (European Unior	n) Long-term value: 1210 mg/m³, 500 ppm	
AGW (Germany)	Long-term value: 1200 mg/m³, 500 ppm 2(I);AGS, DFG, EU, Y	
GV (Denmark)	Long-term value: 600 mg/m³, 250 ppm E	
LEP (Spain)	Long-term value: 1210 mg/m³, 500 ppm VLB, VLI	
TWA (Italy) Short-term value: 1781 mg/m³, (750) ppm Long-term value: 1187 mg/m³, (500) ppm A4, IBE		
VL (Italy)	Long-term value: 1210 mg/m³, 500 ppm	
VLE (Portugal)	Short-term value: (750) ppm Long-term value: (500) ppm (A4),IBE;(Irrit.ocular,TRS;SNC,Efeitos hematológ.)	
OEL (Sweden)	Short-term value: 1200 mg/m³, 500 ppm Long-term value: 600 mg/m³, 250 ppm V	
HTP (Finland)	Short-term value: 1500 mg/m³, 630 ppm Long-term value: 1200 mg/m³, 500 ppm	

Additional information:

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

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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 eat, drink, smoke or sniff while working.

Use a moisturising skin cream after processing the product.

Respiratory protection:

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 AX.

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

Butyl rubber, BR

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

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

The exact break trough 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:** Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid Colour: Light brown

Odour: Like aromatic solvents

Odour threshold: Not determined.

pH-value: Not applicable.

Change in condition

Melting point/freezing point:

Undetermined.

Initial boiling point and boiling range:

55 °C (DIN)

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Flash point:	-19 °C (DIN ISO 2592)
Flammability (solid, gas):	Not applicable.
Ignition temperature:	465 ° C (DIN 51794)
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation explosive air/vapour mixtures are possible.
Explosion limits: Lower: Upper: Oxidising properties	1.1 Vol % (DIN 51649) 13.0 Vol % (DIN 51649) Not determined.
Vapour pressure:	233 hPa (DIN 51640)
Density at 20 °C:	0.85 g/cm³ (DIN 51757)
Bulk density: Relative density Vapour density Evaporation rate	Not applicable. Not determined. Not determined. Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix
Segregation coefficient (n-octanol/ware Pow:	ater) log Not determined.
Viscosity: dynamic: kinematic:	Not determined. Not determined.
Solvent separation test: Solvent content: Organic solvents:	Not determined
EU-VOC (%) Solids content:	100.00 % 0.0 %
9.2 Other information	No further relevant information available.

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 No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.

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10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

Compone	nts	Type	Value	Species
CAS: 133	0-20-7 xyl	ene		
Oral	LD50	3,523 mg/kg (Rat)		
Dermal	LD50	12,126 mg/kg (Rabbit)		
Inhalative	LC50/4 h	h 27.124 mg/l (Rat)		
CAS: 67-64-1 acetone				
Oral	LD50	5,800 mg/kg (Rat)		
Dermal	LD50	20,000 mg/kg (rbt)		
Inhalative	LC50/4 h	76 mg/l (Rat)		

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

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 drowsiness or dizziness.

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.

•	Addate toxicity. To future relevant information available.		
Type of test	Type of test Effective concentration Method Assessment		
CAS: 1330-2	CAS: 1330-20-7 xylene		
LC50/96h	2.6 mg/l (Fish)		
EC50/48h	1 mg/l (Daphnia magna)		
EC50/72h	72h 1.3 mg/l (Algae)		
CAS: 67-64-	CAS: 67-64-1 acetone		
LC50/48h	12,600 mg/l (Daphnia magna)		
LC50/96h	8,300 mg/l (Lepomis macrochirus (Sunfish))		
	5,540 mg/l (Oncorhynchus mykiss (Rainbow trout))		
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NOEC (72h) 4,740 mg/l (Selenastrum capricornutum (Green algae))

12.2 Persistence and degradability No further relevant information available.

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 are toxic to fishes and bacteria.

Toxic for fish

Other in	Other information:		
CAS: 67	CAS: 67-64-1 acetone		
CSB	2,100 mg O2/g (Biodegradation)		
BSB (5)	1,900 mg O2/g (Biodegradation)		

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

After prior treatment product has to be landfilled adhering to

the regulations pertaining to the disposal of particularly

hazardous waste.

European waste catalogue

Possible waste code. The concrete waste code depends on the source of the waste.

07 01 04*	07 01 04* other organic solvents, washing liquids and mother liquors		
HP3	HP3 Flammable		
HP4	HP4 Irritant - skin irritation and eye damage		
HP5	HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity		
HP6	Acute Toxicity		

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

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Recommended cleaning agent: Water, if necessary together with cleansing agents.

14.1 UN-Number ADR, IMDG, IATA	UN1993
14.2 UN proper shipping name ADR	1993 FLAMMABLE LIQUID, N.O.S., speci provision 640D (ACETONE, XYLENES)
IMDG, IATA	FLAMMABLE LIQUID, N.O.S. (ÁCETONI XYLENES)
14.3 Transport hazard class(es)	
ADR	
Class Label	3 (F1) Flammable liquids.
IMDG, IATA	
Class Label	3 Flammable liquids.3
14.4 Packing group ADR, IMDG, IATA	II
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	33
EMS Number: Stowage Category	F-E, <u>S-E</u> B
14.7 Transport in bulk according to Anne Marpol and the IBC Code	x II of Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
	Code: E2
Excepted quantities (EQ)	
Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 m



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Tunnel restriction code	D/E
IMDG Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S., SPECIAL PROVISION 640D (ACETONE, XYLENES), 3, II

SECTION 15: Regulatory information

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

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

This Safety Data Sheet is provided by the supplier on a voluntary basis according to the Article 32 of the Regulation (EC) No 1907/2006 (REACH)

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

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

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

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

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Safety data sheet according to 1907/2006/EC, Article 31

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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 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)

DNEL: Derived No-Effect Level (REACH) 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 Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – 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.

EUG