

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 06.02.2024

Version number 1

Revision: 06.02.2024

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

1.1 Product identifier

Trade name: **Pieri DRC 6 130**

Safety data sheet no.: 358P1125

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

The product is intended for industrial or professional use.

Application of the substance / the mixture Construction chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Finland Oy / Weber

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 295

DL-productsafety.fi@saint-gobain.com

www.fi.weber

1.4 Emergency telephone number:

0800 147 111 (toll-free)

09 471 977 (standard rate)

Finnish Poison Information Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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 Warning

Hazard-determining components of labelling:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 Avoid release to the environment.
- 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.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

Determination of endocrine-disrupting properties

Does not contain substances with endocrine-disrupting properties.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Additive

Dangerous components:

EC number: 927-241-2 Reg.nr.: 01-2119471843-32-xxxx	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336; Aquatic Chronic 3, H412	25-50%
CAS: 77-92-9 EINECS: 201-069-1 Index number: 607-750-00-3 Reg.nr.: 01-2119457026-42-xxxx	citric acid ⚠ Eye Irrit. 2, H319; STOT SE 3, H335	≥5-<10%
CAS: 112926-00-8 EINECS: 231-545-4 Reg.nr.: 01-2119379499-16-xxxx 01-2120105300-82-xxxx	Siliciumdioxid substance with a Community workplace exposure limit	5-10%
CAS: 61791-53-5 EINECS: 263-186-4	Amines, N-tallow alkyltrimethylènedi-, oleates ⚠ STOT RE 2, H373; ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥2.5-<5%
CAS: 5949-29-1 EC number: 611-842-9 Reg.nr.: 01-2119457026-42-xxxx	citric acid monohydrate ⚠ Eye Irrit. 2, H319	1-2%

SVHC Void

Additional information

(CAS:13463-67-7) Titanium dioxide

Note 10 of CLP classification: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

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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

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

Immediately remove any clothing soiled by the product.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact

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.

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.

Use fire extinguishing methods suitable to surrounding conditions.

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.

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:

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

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

Ensure adequate ventilation.

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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

Do not drink or eat while working. Wash hands thoroughly before breaks and after finishing work.

Use only in well ventilated areas.

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ground and bond container and receiving equipment.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Use only receptacles specifically permitted for this substance/product.

Information about storage in one common storage facility:

Store away from oxidising agents.

Do not store together with acids.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from freezing.

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		
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics		
Oral	Derived No Effect Level	46 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	77 mg/kgxday (worker systemic long term value)
		46 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	871 mg/m ³ (worker systemic long term value)
		185 mg/m ³ (consumer systemic long term value)

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PNECs	
CAS: 77-92-9 citric acid	
Predicted No-Effect Concentration	0.044 mg/l (sea water rating factor)
CAS No. / Designation of material / % / Type / Value / Unit	
CAS: 77-92-9 citric acid	
AGW (Germany)	Long-term value: 2 E mg/m ³ 2(l);DFG, Y
CAS: 112926-00-8 Siliciumdioxid	
MAK (Germany)	Long-term value: 0.02A mg/m ³ vgl. Abschn. V
TWA (Germany)	Long-term value: 6* ; 2.4** mg/m ³ * einatembarer Staub; ** aleovengängiger Staub
LEP (Spain)	Long-term value: 10 mg/m ³ gel
TWA (Italy)	Long-term value: (10) mg/m ³
VLE (Portugal)	Long-term value: 10 mg/m ³ Irritacao
HTP (Finland)	Long-term value: 5 mg/m ³

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as 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.

Respiratory protection:

Not necessary if room is well-ventilated.

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.

Hand protection

Protective gloves against chemicals (standard EN 374-1)

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.

The hands must be cleaned from the powder before putting on the gloves.

Check protective gloves prior to each use for their proper condition.

Material of gloves PVC gloves

Eye/face 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

Physical state

Fluid

Colour:

According to product specification

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Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	130 °C (DIN)
Flammability	Flammable.
Lower and upper explosion limit	
Lower:	0.6 Vol %
Upper:	6.5 Vol %
Flash point:	23 °C (DIN ISO 2592)
Auto-ignition temperature:	230 °C (DIN 51794)
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 20 °C	100 s (ISO 4 mm)
	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Partly miscible
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	1 hPa (DIN 51640)
Density and/or relative density	
Density at 20 °C:	1.1 g/cm ³ (DIN 51757)
Relative density	Not determined.
Bulk density:	Not applicable.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Minimum ignition energy	
Solvent separation test:	Not applicable.
EU-VOC (%)	36.56 %
	0.0000 %
EU-VOC (g/L)	0.0000 g/l
Solids content:	0.0 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

Information with regard to physical hazard

classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void

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Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable at recommended storage conditions

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

Avoid heat, sparkles, naked flame or other sources of ignition.

Avoid frost

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide

Carbon dioxide

SECTION 11: Toxicological information

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

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

LD/LC50 values relevant for classification:

Components	Type	Value	Species
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			
Oral	LD50	15,000 mg/kg	(Rat)
Dermal	LD50	3,160 mg/kg	(Rabbit)
CAS: 77-92-9 citric acid			
Oral	LD50	>5,400 mg/kg	(Mouse)
Dermal	LD50	>2,000 mg/kg	(Rat)
CAS: 112926-00-8 Siliciumdioxid			
Oral	LD50	>10,000 mg/kg	(Rat)
Dermal	LD50	>5,000 mg/kg	(Rabbit)

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CAS: 5949-29-1 citric acid monohydrate

Oral	LD50	5,400 mg/kg (Mouse) 3,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects (H412).

Type of test / Effective concentration / Method / Assessment

CAS: 77-92-9 citric acid

LC50/48h	440-760 mg/l (Fish)
LC50/96h	100 mg/l (Fish)
LC0/48h	200-620 mg/l (Fish)
EC50/48h	50 mg/l (aquatic invertebrates)

CAS: 112926-00-8 Siliciumdioxid

LC50/48h	512.078 mg/l (aquatic invertebrates)
LC50/96h	2,594 mg/l (aquatic invertebrates)
EC50/48h	5,000 mg/l (aquatic invertebrates)
EC50/96h	217.6 mg/l (aquatic algae and cyanobacteria)
EC50/72h	500 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	173.1 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	5,000 mg/l (Fish)
NOEC (48h)	5,000 mg/l (aquatic invertebrates)
NOEC (21d)	68-250 mg/l (aquatic invertebrates)

CAS: 5949-29-1 citric acid monohydrate

LC50/48h	440-760 mg/l (Fish)
LC50/96h	100 mg/l (Fish)
LC0/48h	200-620 mg/l (Fish)
EC50/48h	50 mg/l (aquatic invertebrates)

12.2 Persistence and degradability No further relevant information available.

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Method
CAS: 77-92-9 citric acid
Biod. (28 days) 97 % (Biodegradation)
CAS: 5949-29-1 citric acid monohydrate
Biod. (28 days) 97 %

12.3 Bioaccumulative potential
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
EBAB 1.99-5.25 log Pow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Remark: Harmful to fish

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment
CAS: 112926-00-8 Siliciumdioxid
EC 50 (3h) 1,000-4,500 mg/l (microorganisms)

Other information:
CAS: 77-92-9 citric acid
Chemical Oxygen Demand (COD) 750 mg O2/g
BOD (5) 625 mg O2/g

Additional ecological information:

General notes:

Harmful to aquatic organisms

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Dispose of the product in accordance with national and local regulations.

European waste catalogue
08 01 11* waste paint and varnish containing organic solvents or other hazardous substances
HP3 Flammable
HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14 Ecotoxic

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

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SECTION 14: Transport information

14.1 UN number or ID number
ADR, IMDG, IATA

UN1263

14.2 UN proper shipping name
ADR
IMDG, IATA

1263 PAINT
PAINT

14.3 Transport hazard class(es)

ADR



Class
Label

3 (F1) Flammable liquids.
3

IMDG, IATA



Class
Label

3 Flammable liquids.
3

14.4 Packing group
ADR, IMDG, IATA

III

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user
Hazard identification number (Kemler code):
EMS Number:
Stowage Category

Warning: Flammable liquids.
30
F-E, S-E
A

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)
Excepted quantities (EQ)

5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

Transport category
Tunnel restriction code

3
D/E

IMDG

Limited quantities (LQ)
Excepted quantities (EQ)

5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

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UN "Model Regulation": UN 1263 PAINT, 3, III

SECTION 15: Regulatory information

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

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

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

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

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

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.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H226 Flammable liquid and vapour.

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H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Flammable liquids	Bridging principles
Serious eye damage/irritation Specific target organ toxicity (single exposure) Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS:

Saint-Gobain Finland Oy / Weber
QEHS
P.O.Box 70 (Strömberginkuja 2)
FI-00381 Helsinki

Contact:

Tel. +358-(0)10-44 22 00
Fax +358-(0)10-44 22 520

Abbreviations and acronyms:

ADR: Accord relatif au transport international 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
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)
PNEC: Predicted No-Effect Concentration (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. 3: Flammable liquids – Category 3
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
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3