

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

Trade name: **Logic CLEAN SF**

Version: 1.1 / 12.05.2025

Print Date: 12.05.2025

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- 1.1 Product identifier:** **Logic CLEAN SF**
- 1.2 Relevant identified use of the preparation:** Sure cleaner for masonry and concrete
- 1.3 Details of the supplier that provides the safety data sheet**

Details of the manufacturer / Suppliers	Logic Chemie Kastanjelaan 157a NL-4621HL Bergen op Zoom Telephone 0031626354489 Telephone 0031626354489
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Emergency Information:

2 Possible dangers

2.1 Classification of the preparation	Regulation (EC) No 1272/2008 (GHS)	Statements
Hazard class	Hazard category	
Flammable liquid	Category 2	H225
Asp.Tox.	Category 1	H304
Serious eye damage / irritation	Category 1	H318
2.2 Labeling elements		
Signal word	Danger	
Statements	H225 Flammable liquid H304 May be fatal if swallowed and enters airways. H318 Serious eye damage / irritation	
safety instructions	P210 Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Do not smoke. P280 Wear protective gloves / clothing / eye protection / face protection. P301/310 IF SWALLOWED: Immediately POISONING INSTITUTE CENTER or Call doctor . P331 Do not induce vomiting. P403/233 Keep container tightly closed in a well-ventilated place.	

3. Composition / information on ingredients

- 3.1 material** The product is classified as a mixture..
- Chemical characterization: Aqueous solution of acids, detergents and detergents

(Preparation)

3.2 Chemical / Hazardous ingredients				
3.3 Mixture / Hazardous ingredients				
EG-No	Name of substance	Content	Classification according to 67/548/EWG	Classification according to 1272/2008
REACH-No				
200-746-9				
01-2119486761-29	n-Propanol,	75 - 99 %	Xn - R 65, R 66	Asp. 1 - H 304

Wording of R, H and EUH phrases: see section 16

4 First aid measures

- 4.1 Description of first aid measures:**
- Immediate measures:** Remove and remove wet clothes and shoes.
- For eye contact:** Rinse with plenty of water.
- For skin contact:** Immediately rinse with water. If symptoms persist, call a physician.
- When taken:** Rinse mouth, then drink plenty of water, immediately consult a physician..

5. Fire-fighting measures

- 5.1 Extinguishing Media**
- Suitable extinguishing media: Foam, dry extinguishing agent, water mist, powder or CO2 fire extinguishers
- Unsuitable extinguishing media: Water jet
- 5.2 Special hazards arising from the mixture**
- hazardous combustion products: Carbon monoxide, smoke, vapor, if incomplete combustion may cause the following
- Carbon monoxide, carbon dioxide (CO2). Vapors are heavier than air and spread above the ground. Vapors may form explosive mixtures with air.
- Keep container tightly closed in the vicinity of the fire place with water spray. Keep container tightly closed in case of strong heating. Collect contaminated fire fighting water separately. Do not empty into drains.
- 5.3 Instructions for fire fighting**In case of major accident, wear respiratory protection independent of the surrounding

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Do not breathe fumes / aerosols. Remove persons who are not required from the danger area. Use protective equipment. Personal protective equipment must be adapted to the situation.

Personal protective equipment:

At least protective goggles with side protection, protective clothing and safety shoes.

6.1

6.2 Environmental precautions

Do not empty into drains / waterways

7. Handling and storage

7.1 Precautions

The usual precautionary measures for handling chemicals are to be observed note. Avoid contact with skin and eyes. Container tight
Keep closed.

Storage class

8 corrosive substances

8. Personal protective equipment

8.1 Protective gear

Protective goggles, better face full protection, protective gloves and dust-Filter (against aerosols). Wear protective clothing.
The choice of personal protective equipment from the workplace and From the handling.

8.2 Other protective measures

Hand protection

Protective gloves made of nitrile or Viton. Camatril Velours 730 (Nitrile) or Vitojekt 890 (Viton). Permeation time > 480 minutes

9. Physical and chemical properties

9.1 Basic physical and chemical properties

Aggregate state / shape

liquid

Color

Colorless, clear

Smell

Colorless, clear

9.2 Security-relevant basic data

PH (20 ° C)

not applicable

solidification range

< - 127 °C

boiling range

97 °C

Flash point

24 °C

Evaporation Rate (Ether = 1)

ca. 16

Auto-ignition temperature

> 300 °C

Steam pressure at 20 ° C

ca. 19,9 hPa

Steam density (air = 1)

> 1 bei 1013 hPa

Density at 15 ° C

809,0 kg/m³

Solubility in water (20 ° C)

miscible

Solubility in solvents / oils (20 ° C)

miscible

Distribution coefficient n-octanol / water

log KOW
0,2

Kinematic viscosity at 20 ° C

2,3 mPa s

DIN EN ISO
3405

DIN EN ISO
2719

DIN 53170

Calculated

DIN 51757

DIN 51562

9.3 Substance-relevant properties

Explosive substances / mixtures

The product is not explosive

Flammable gases

The product is a liquid

Flammable aerosols

n. a.

Flammable liquids

Product is not flammable

Self-reactive substances and mixtures

Not self-reactive

Pyrophoric liquids

Not pyrophoric

Self-heatable substances / mixtures

Not self-heating

Substances / mixtures which, upon contact with

Water flammable gases

Does not form flammable gases on contact with water

Oxidizing liquids

Not oxidizing

Organic peroxides

The product does not contain organic peroxides

Corrosive against metals

Affects metals corrosive.

9.4 Other safety data

Explosion limits

n. a.

Conductivity

Electrically conductive

10. Stability and Re-activity

10.1 Reactivity

Hazardous decomposition products

10.2 Chemical stability

Stable under normal conditions.

10.3 Possible hazardous reactions

Affects metals corrosive.

10.4 Conditions to avoid

metal contact

10.5 Incompatible materials

Metals

10.6 Hazardous decomposition products

The product does not decompose at ambient temperatures

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11. Toxicological information

11.1 Acute toxicity:

For eye contact:	Causes irritation.
For skin contact:	Slightly irritating.
For inhalation	May cause drowsiness and dizziness.
When taken	ASPIRATION! For symptoms, see 4.1

11.2 Chronic toxicity:

For skin contact:	May cause irritation by prolonged or repeated contact.
For Inhalation:	Disadvantages are normally not expected.
When taken:	Disadvantages are normally not expected. ASPIRATION! For symptoms, see 4.1

12. Environmental information

12.1 Toxicity

acute toxicity

Fish

LC50: 4555 mg / l (Pimephales promelas, 96 h)

Toxicity to daphnia and other invertebrate aquatic animals

EC50: 3644 mg / l (Daphnia magna, 48 h) (Directive 67/548 / EEC, Annex V, C.2.)

Seaweed

EC50: 3100 mg / l (scenedesmus quadricauda, 168 h) (cell multiplication inhibition assay)

Bacteria

EC0: 2700 mg / l (Pseudomonas putida, 16 h)

IC50:> 10000 mg / l (bacteria, 16 h)

12.2 Persistence and degradability

Hydrolysis No transformation due to hydrolysis to a significant extent expected.

Photolysis No transformation due to photolysis to a significant extent expected.

Air oxidation In air, a rapid degradation is to be expected.

Biodegradability 83 - 92% (exposure time: 28 d) (OECD 301 F) Easily biodegradable

12.3 Result of the PBT and vPvB assessment

The product is neither a PBT or vPvB substance nor does it contain PBT Or vPvB substances.

12.4 Other environmental effects

Product does not contain organic halogens.

13. Disposal considerations

Waste treatment methods

Disposal according to EC directives 75/442 / EEC and 91/689 / EEC on waste and hazardous waste, as amended.

Disposal of the product / package

Like paint cans with remnants

14. Transport Information

14.1 Land transport ADR / RID / GGVSE Class 3

14.2 Sea transport IMDG-Code / GGVSee Class 3

14.3 Packing group ADR / RID / IMDG III

15. REGULATIONS

15.1 Substances or mixtures specific to health, safety and environment

National regulations

VOC-Directive 1999/13 / EC Subject to VOC-Directive

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Water hazard class (WGK): 1
EINECS: All ingredients are listed, exempted from listing or as new Substance registered (ELINCS).
TSCA: All ingredients listed or excluded from listing.
AICS: All ingredients are listed, exempted from listing or as new Substance registered.
IECSC: All ingredients listed or excluded from listing.
KECL: All ingredients are listed, exempted from listing or as new Substance registered.
PICCS: All ingredients are listed, exempted from listing or as new Substance registered..
DSL: All ingredients listed or excluded from listing..
ENCs/ISHL: All ingredients are listed, exempted from listing or as new Substance registered

16. Other Information

16.1 Classification of mixtures and assessment method according to the regulation(EG) Nr. No 1207/2008 (CLP)

Asp. 1 - H304 On basis of test data
Aqu. chron. 4 - H413 On basis of test data / calculated
EUH 066

16.2 All ingredients listed or excluded from listing

(Number and full text)

H 225 Highly flammable liquid and vapor
H 304 May be swallowed and enters the respiratory tract to be deadly
H 319 Causes serious eye irritation

R 11 Flammable Flammable

R 65 Harmful: may cause lung damage if swallowed. Cause damage.

R 66 Repeated exposure may cause skin dryness or cracking

16.3 Other notes

The information in this safety data sheet corresponds to our Knowledge and experience at the time indicated
They refer only to the pure product. If the product is Their materials are mixed, or if they are fed to a processing process, the data are, if necessary, no longer correct. No guarantee is given for faultlessness and completeness. This information does not constitute a guarantee.