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

1.1. Product identifier

wallTastic UV flush

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

Use of the substance/mixture

Rinsing liquid
Industrial uses

Uses advised against

all uses which are not mentioned above

1.3. Details of the supplier of the safety data sheet

Company name:	wallPen GmbH	
Street:	Werkstr. 15	
Place:	D-57537 Wissen	
Telephone:	+49 2742 966800	
E-mail:	info@wallpen.com	
Contact person:	Zentrale	Telephone: +49 2742 966800
E-mail:	info@wallpen.com	
Internet:	https://www.wallpen.com/de	
Responsible Department:	management	

1.4. Emergency telephone number:

+49 2742 966800 (Mo.-Fr. 7-17:00)

Further Information

No information available.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

2.3. Other hazards

Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.
This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

none (according to UK REACH Regulation)

Further Information

No further relevant information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures are necessary.
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Provide fresh air. Call a doctor if you feel unwell.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
Remove contaminated, saturated clothing immediately.
In case of skin irritation, consult a physician.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
Let water be drunken in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps.
Do NOT induce vomiting.

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

No information available.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder, Carbon dioxide (CO2), Water spray jet
In case of major fire and large quantities: alcohol resistant foam, Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Gases/vapours, harmful

5.3. Advice for firefighters

Special protective equipment for firefighters: Flame-retardant protective clothing
In case of fire: Wear self-contained breathing apparatus.
Remove persons to safety.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

See protective measures under point 7 and 8.
Wear personal protection equipment (refer to section 8).
Avoid contact with skin, eyes and clothes.
Provide adequate ventilation.

In case of inadequate ventilation wear respiratory protection.

For non-emergency personnel

Remove persons to safety. Keep away from unprotected people. Keep upwind.

For emergency responders

Suppress gases/vapours/mists with water spray jet. The danger areas must be delimited and identified using relevant warning and safety signs.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.
Cover drains.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak if safe to do so. Wipe up with absorbent material (eg. cloth, fleece).

Handling larger quantities: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Container should not be closed gas-tight.

For cleaning up

Wash with plenty of water. Clean with detergents. Avoid solvent cleaners.

Other information

Provide fresh air.

6.4. Reference to other sections

See protective measures under point 7 and 8.
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).
Keep container tightly closed.
Provide adequate ventilation.
Avoid contact with skin, eyes and clothes.
Clear spills immediately.
Avoid release to the environment.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.
Work in well-ventilated zones or use proper respiratory protection.
Only wear fitting, comfortable and clean protective clothing.
Avoid contact with skin, eyes and clothes.
Wash hands and face before breaks and after work and take a shower if necessary.
Use protective skin cream before handling the product.
When using do not eat, drink, smoke, sniff.

Further information on handling

Observe instructions for use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place.
Protect from sunlight.

Avoid: extreme temperatures

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Keep away from:
Heat
Humidity
Frost

7.3. Specific end use(s)

Industrial uses

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Observe in addition any national regulations!

8.2. Exposure controls

Appropriate engineering controls

No special measures are necessary.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. EN 166

Hand protection

Tested protective gloves must be worn: EN ISO 374
Unsuitable material:Fabric, Leather articles

Suitable material: Butyl caoutchouc (butyl rubber)
Wearing time with permanent contact
Thickness of the glove material: >0,7 mm
Permeation time (maximum wear duration): >480 min

Suitable material: NBR (Nitrile rubber)
Wearing time with occasional contact (splashes):
Thickness of the glove material: >0,35 mm
Permeation time (maximum wear duration): >60 min
Breakthrough times and swelling properties of the material must be taken into consideration.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Wear cotton undermitten if possible.
Check leak tightness/impermeability prior to use.

Skin protection

Suitable protective clothing: Protective clothing DIN 13688

Respiratory protection

Usually no personal respirative protection necessary.
Respiratory protection necessary at: exceeding exposure limit values, aerosol or mist formation
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Thermal hazards

No information available.

Environmental exposure controls

Provide for retaining containers, e.g. floor pan without outflow.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	colourless	
Odour:	Acrylate	
Melting point/freezing point:		-103 °F/ -75 °C
Boiling point or initial boiling point and boiling range:		444 °F/ 229 °C
Flammability:		Non-flammable.
Lower explosion limits:		0,6 vol. %
Upper explosion limits:		20,4 vol. %
Flash point:		>212 °F/ >100 °C
Auto-ignition temperature:		No data available
Decomposition temperature:		No data available
pH-Value:		practically insoluble
Viscosity / kinematic: (at 25,5 °C)		4,78 mm²/s
Water solubility: (at 20 °C)		45 g/l

Solubility in other solvents

No information available.

Partition coefficient n-octanol/water:	1,13
Vapour pressure: (at 20 °C)	0,06 hPa
Density:	No data available
Relative density (at 20 °C):	0,91
Relative vapour density:	No data available

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

No information available.

Sustaining combustion:	No data available

Self-ignition temperature

Solid:	No data available
Gas:	372 °F/ 189 °C

Oxidizing properties

No information available.

Other safety characteristics

Evaporation rate:	No data available
Solid content:	No data available
Sublimation point:	No data available
Softening point:	No data available
Pour point:	No data available
Viscosity / dynamic: (at 25,5 °C)	4,35 mPa·s

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

extreme temperatures
contamination

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Reference to other sections: 5

Further information

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicocinetics, metabolism and distribution

The product has not been tested.

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects 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

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

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.

Practical experience

oral: Ingestion may cause irritation and nausea.
Dermal: Causes moderate skin irritation with prolonged exposure.
inhalation: Inhalation is the main route of exposure. In high concentrations, vapours, mist or fumes may cause irritation of the mucous membranes of the nose, throat and mouth.

11.2. Information on other hazards

Endocrine disrupting properties

No information available.

Further information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

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

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Germany: water hazard class 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.
The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
Non hazardous waste according to Directive 2008/98/EC (waste framework directive).

Contaminated packaging

Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

No information available.

Other applicable information

No information available.

SECTION 15: Regulatory information

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

EU regulatory information

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Classification according to Regulation (EC) No 1272/2008 [CLP]
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
DIRECTIVE (EU) 2018/851 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCILof 30 May 2018amending Directive 2008/98/EC on waste
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Additional information

Germany:
Ordinance on systems for handling water-polluting substances (AwSV)
Hazardous Substances Ordinance (GefStoffV)

TRGS 220, TRGS 400ff., TRGS 500, TRGS 555

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:Règlement international conernat le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Refulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effectice concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)