

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

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

1.1. Product identifier

Trade name

Imprägnierspray

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

Use of the substance/mixture

Impregnating agent

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

BÜFA Cleaning GmbH & Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-Mail sds-cleaning@buefa.de

1.4. Emergency telephone number

Poison Information Center Goettingen: +49 551 19240

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Aerosol 1 H222

Aerosol 1 H229

Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H336

Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements ***

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements ***

P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P260.2 Do not breathe vapours/spray.
 P271 Use only outdoors or in a well-ventilated area.
 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.
 P312 Call a POISON CENTRE or doctor if you feel unwell.
 P405 Store locked up.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 P501.9 Dispose of contents/container as problematic waste.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** propan-2-ol; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane; isopropyl acetate

2.3. Other hazards

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. In use, may form flammable/explosive vapour-air mixture.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******propan-2-ol**

CAS No.	67-63-0				
EINECS no.	200-661-7				
Registration no.	01-2119457558-25-XXXX				
Concentration	>= 20	<	25	%	
Flam. Liq. 2	H225				
Eye Irrit. 2	H319				
STOT SE 3	H336				

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

EINECS no.	921-024-6				
Registration no.	01-2119475514-35				
Concentration	>= 20	<	25	%	
Flam. Liq. 2	H225				
Asp. Tox. 1	H304				
Skin Irrit. 2	H315				
STOT SE 3	H336				
Aquatic Chronic 2	H411				

isopropyl acetate

CAS No.	108-21-4				
EINECS no.	203-561-1				
Concentration	>= 1	<	10	%	

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

Flam. Liq. 2 H225
 Eye Irrit. 2 H319
 STOT SE 3 H336

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C

Further ingredients**Butane**

CAS No.	106-97-8	EINECS no.	203-448-7
Registration no.	01-2119474691-32-XXXX		
Concentration	>= 25	< 50	% [3]
Flam. Gas 1	H220		

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U

propane

CAS No.	74-98-6	EINECS no.	200-827-9
Registration no.	01-2119486944-21-XXXX		
Concentration	>= 1	< 10	% [3]
Flam. Gas 1	H220		
Press. Gas			

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note U

Isobutane

CAS No.	75-28-5	EINECS no.	200-857-2
Registration no.	01-2119485395-27-XXXX		
Concentration	>= 1	< 10	% [3]
Flam. Gas 1	H220		
Press. Gas			

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U

Note

[3] Substance with occupational exposure limits
 For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Take affected person to fresh air. Do not leave casualty unattended.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

If swallowed, seek medical advice immediately and show this container or label.

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

There is no further relevant information available

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

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

There is no further relevant information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

5.3. Advice for firefighters

Do not inhale explosion and/or combustion gases.

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Keep people away and stay on the upwind side.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature	15	35	°C
---------------------------------	----	----	----

Keep in original packaging, tightly closed.

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

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

propan-2-ol

List	EH40			
Type	WEL			
Value	999	mg/m ³	400	ppm(V)
Short term exposure limit	1250	mg/m ³	500	ppm(V)

isopropyl acetate

List	EH40
------	------

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

Type	WEL			
Short term exposure limit	849	mg/m ³	200	ppm(V)

Butane

List	EH40			
Type	WEL			
Value	1450	mg/m ³	600	ppm(V)
Short term exposure limit	1810	mg/m ³	750	ppm(V)

Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: Remarks: Carc if >= 0,1% buta-1,3-diene

8.2. Exposure controls**General protective and hygiene measures**

Avoid contact with skin and eyes.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Short term: filter apparatus, Filter A

Hand protection

Protective gloves

Appropriate Material nitrile

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Aerosol		
Colour	colourless		
Odour	ester-like		
Melting point			
Remarks	not determined		
Boiling point			
Value	-44		°C
Flammability			
evaluation	not determined		
Explosion limits			
Lower explosion limit	0,8		%(V)
Upper explosion limit	12		%(V)
Flash point			
Value	-97		°C
Ignition temperature			
Value	250		°C
Thermal decomposition			
Remarks	Not relevant		
Solubility in other solvents	not determined		
Octanol/water partition coefficient (log Pow)			
Remarks	Not relevant		
Vapour pressure			
Remarks	not determined		

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

Density

Value 0,65 kg/l

Vapour density

Remarks not determined

Particle characteristics

Remarks irrelevant (liquid)

9.2. Other information**Odour threshold**

Remarks No data available

Solubility in water

Remarks immiscible

Solids content

Value appr. 0,3 %

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

Thermal decomposition

Remarks Not relevant

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

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

Acute dermal toxicity

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

Acute inhalational toxicity

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

Skin corrosion/irritationevaluation irritant
The classification criteria are met.**Serious eye damage/irritation**evaluation irritant
The classification criteria are met.**Sensitization**

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

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)**Single exposure**

The classification criteria are met.

evaluation

May cause drowsiness or dizziness.

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 with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

Daphnia toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Algae toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Bacteria toxicity

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

Octanol/water partition coefficient (log Pow)

Remarks

Not relevant

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The product contains no PBT substances. The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

Ecological data are not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods



Disposal recommendations for the product

EWC waste code 16 05 04* gases in pressure containers (including halons) containing dangerous substances

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee
14.1. UN number	1950	1950
14.2. UN proper shipping name	AEROSOLS	AEROSOLS
14.3. Transport hazard class(es)	2	2.1
Label		
Limited Quantity	1 l	1 l
Transport category	2	
Tunnel restriction code	D	
Hazard id. no.	-	
EmS		F-D, S-U

Information for all modes of transport

14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information ***

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

Major-accident categories acc. 2012/18/EU

Category P3a FLAMMABLE AEROSOLS

Ingredients (Regulation (EC) No 648/2004)

VOC ***

* Imprägnierspray

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

VOC (EU) 77,4 %

Other information ***

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

Aerosol 1	H222	On basis of test data
Aerosol 1	H229	On basis of test data
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	Calculation method
Aquatic Chronic 3	H412	Calculation method

Hazard statements listed in Chapter 2/3

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurized container: may burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Aerosol 1	Aerosol, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
 GGVSee: Gefahrgutverordnung See
 IMDG: International Maritime Code for Dangerous Goods
 CAS: Chemical Abstracts Service
 EAK: Europäischer Abfallkatalog
 EINECS: European Inventory of Existing Commercial Chemical Substances
 VOC: Volatile Organic Compound
 GefStoffV: Gefahrstoffverordnung
 TA Luft: Technische Anleitung zur Reinhaltung der Luft
 INCI: International Nomenclature of Cosmetic Ingredients
 n.a.g.: nicht anders genannt
 MAK: Maximale Arbeitsplatz-Konzentration
 AGW: Arbeitsplatzgrenzwert
 BGW: Biologischer Grenzwert
 TRGS: Technische Regeln für Gefahrstoffe
 OEL: Occupational exposure limit
 SUVA: Schweizerische Unfallversicherungsanstalt
 WEL: Workplace exposure limit

*** Imprägnierspray**

Date revised: 06.10.2023

8280005

Version: 9 / GB

Master No. MA-211

Print date: 07.05.2024

MAC: Maximale aanvaarde concentratie (Netherlands)

MEL: Maximum exposure limits

NOEL: No observable effect level

NOEC: No observable effect concentration

LD: Lethal dose

LC: Lethal concentration

LLC: Lowest lethal concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

SVHC: Substances of very high concern

DNEL: Derived no effect level

DMEL: Derived minimal effect level

PNEC: Predicted no effect concentration

PEC: Predicted environmental concentration

GHS: Globally Harmonized System of classification and Labelling of Chemicals

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

UN: United Nations

EG: Europäische Gemeinschaft

EWG: Europäische Wirtschaftsgemeinschaft

EU: European Union

HSNO: Hazardous Substances and New Organisms Act (New Zealand)

ATE: Acute Toxicity Estimate

STOT: Specific Target Organ Toxicity

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.