

SAFETY DATA SHEET

SÜDWEST Heizkörper-Spray

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	SÜDWEST Heizkörper-Spray
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Unique Formula Identifier (UFI)	TN03-H0QM-000R-RFGV
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1.2 Relevant identified uses of the substance or mixture and uses advised against

Coating

Uses advised against	This information is not available.
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1.3 Details of the supplier of the safety data sheet

SÜDWEST Lacke + Farben GmbH & Co.KG
Iggelheimer Str. 13
D - 67459 Böhl-Iggelheim
Telephone: +49 6324/709-0
info@suedwest.de
www.suedwest.de

E-mail address of person responsible for the SDS European Union	sdb@suedwest.de
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1.4 Emergency telephone number European Union

Phone: +44 (0) 1865 407333

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Aerosols, Category 1	H222: Extremely flammable aerosol.
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H229: Pressurised container: May burst if heated.

Eye irritation, Category 2	H319: Causes serious eye irritation.
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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.
 H319 Causes serious eye irritation.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
Prevention:
 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.
 P261 Avoid breathing spray.
Response:
 P302 + P352 IF ON SKIN: Wash with plenty of 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.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
Storage:
 P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
Disposal:
 P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

Additional Labelling

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

These are preservatives.
 Avoid contact with the skin and the eyes.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
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	Index-No. Registration number		
propan-2-ol	67-63-0 200-661-7 603-117-00-0 01-2119457558-25-XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	$\geq 1 - < 10$
propan-1-ol	71-23-8 200-746-9 603-003-00-0 01-2119486761-29-XXXX	Flam. Liq. 2; H225 Eye Dam. 1; H318 STOT SE 3; H336	$\geq 1 - < 3$
pyrithione zinc	13463-41-7 236-671-3	Repr. 1B; H360D Acute Tox. 2; H330 Acute Tox. 3; H301 STOT RE 1; H372 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1.000 M-Factor (Chronic aquatic toxicity): 10 Acute toxicity estimate Acute oral toxicity: 221 mg/kg Acute inhalation toxicity: 0,14 mg/l	$\geq 0,0025 - < 0,025$
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60-XXXX	Acute Tox. 4; H302 Acute Tox. 2; H330 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1 specific concentration limit Skin Sens. 1A $\geq 0,036 \%$ Acute toxicity estimate Acute oral toxicity: 450 mg/kg Acute inhalation toxicity: 0,21 mg/l	$\geq 0,0025 - < 0,025$
Substances with a workplace exposure limit :			
dimethyl ether	115-10-6 204-065-8 603-019-00-8	Flam. Gas 1; H220 Press. Gas H280	$\geq 50 - < 70$

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	01-2119472128-37-XXXX		
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For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice	When symptoms persist or in all cases of doubt seek medical advice.
	Never give anything by mouth to an unconscious person.
Inhalation	If unconscious, place in recovery position and seek medical advice.
	Move to fresh air in case of accidental inhalation of vapours or decomposition products.
	Keep patient warm and at rest.
	If breathing is irregular or stopped, administer artificial respiration.
	If symptoms persist, call a physician.
Skin contact	Take off contaminated clothing and shoes immediately.
	Wash skin thoroughly with soap and water or use recognized skin cleanser.
	Do NOT use solvents or thinners.
	If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
	Seek medical advice.
Ingestion	Rinse mouth with water.
	If swallowed, seek medical advice immediately and show this container or label.
	Keep at rest.
	Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically.
	No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media	High volume water jet

5.2 Special hazards arising from the substance or mixture

Fire may cause evolution of:
Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Additional advice	Cool closed containers exposed to fire with water spray.
	In the event of fire, wear self-contained breathing apparatus.
	Fight fire with normal precautions from a reasonable distance.
	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions,	Remove all sources of ignition.
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**protective equipment and
emergency procedures****6.2 Environmental
precautions****6.3 Methods and material for
containment and cleaning
up****6.4 Reference to other
sections**

Ensure adequate ventilation.
Do not breathe vapour.
Prevent unauthorized access.
The product should not be allowed to enter drains, water courses or the soil.
If the product contaminates rivers and lakes or drains inform respective authorities.
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Do not flush with water or aqueous cleansing agents
Clean contaminated surface thoroughly.
Dispose of contaminated material as waste according to item 13.
Refer to protective measures listed in sections 7 and 8.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling****Advice on safe handling**

Comply with the statutory regulations on health and safety at work.
Avoid formation of aerosol.
Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit values.
The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.
All metal parts of the mixing and processing equipment must be earthed.
Operators should wear antistatic footwear and clothing. No sparking tools should be used.

Hygiene measures

Do not breathe spray, vapour.
Take off all contaminated clothing immediately.
Avoid contact with skin, eyes and clothing.
Wash hands before breaks and immediately after handling the product.
After washing hands, replenish lost skin oil by means of oily skin ointment.
When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage
areas and containers**

Store in original container.
Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. Nosmoking.
Prevent unauthorized access.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Keep in a well-ventilated place.
Protect from frost, heat and sunlight.

**Advice on protection against
fire and explosion**

Vapours are heavier than air and may spread along floors.
Vapours may form explosive mixtures with air.
Keep away from sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.

Advice on common storage

Keep away from combustible materials.
Keep away from food, drink and animal feedingstuffs.
Keep away from oxidizing agents and strongly acid or alkaline materials.

7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
dimethyl ether	115-10-6	TWA	1.000 ppm 1.920 mg/m ³	2000/39/EC
	Further information: Indicative			

The lists that were valid during the creation were used as basis.

Monitoring procedures for the assessment of workplace exposure: standard EN 482

8.2 Exposure controls**Engineering measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates solvent vapour below the occupational exposure limit values, suitable respiratory - protection must be worn.

Washing facilities / water for rinsing eyes and skin should be available.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Hand protection

Material : Nitrile rubber

Break through time : 480 min

Glove thickness : 0,4 mm

Remarks : Gloves made of nitrile rubber, e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Skin and body protection : Preventive skin protection

Long sleeved clothing

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Respiratory protection : When workers are facing concentrations above the occupational exposure limit values they must use appropriate certified respirators.

Breathing protection equipment required in inadequately ventilated places and during spraying.

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In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator.

Combination filter A-P2

Respiratory protection complying with EN 14387.

Environmental exposure controls

Air	:	Avoid release to the environment.
Soil	:	Avoid subsoil penetration.
Water	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	aerosol
Colour	:	white
Odour	:	characteristic
Odour Threshold	:	not determined
Melting point/freezing point	:	not determined
Initial boiling point and boiling range	:	-24,9 °C
Flammability	:	Extremely flammable aerosol.
Upper explosion limit / Upper flammability limit	:	18,6 %(V) Medium: Upper explosion limit
Lower explosion limit / Lower flammability limit	:	3,0 %(V) Medium: Lower explosion limit

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Flash point	: Not applicable
Auto-ignition temperature	: 235 °C
Decomposition temperature	: No data available
pH	: substance/mixture is non-soluble (in water)
Viscosity Viscosity, dynamic	: No data available
Flow time	: No data available
Solubility(ies) Water solubility	: immiscible
Partition coefficient: n-octanol/water	: not determined
Vapour pressure	: 3.400 hPa (20 °C)
Density	: ca. 0,84 g/cm ³ (20 °C)
Relative vapour density	: No data available

9.2 Other information

Explosives	: In use may form flammable/explosive vapour-air mixture.
Oxidizing properties	: Not applicable
Self-ignition	: not auto-flammable
Evaporation rate	: Not applicable

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under conditions of normal use. Vapours may form explosive mixture with air.
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10.4 Conditions to avoid

Conditions to avoid	Direct sources of heat. Strong sunlight for prolonged periods.
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10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents
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10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Product:

Acute oral toxicity	Based on available data, the classification criteria are not met.
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Acute inhalation toxicity	Based on available data, the classification criteria are not met.
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Acute dermal toxicity	Based on available data, the classification criteria are not met.
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Components:

pyrithione zinc:

Acute oral toxicity	Acute toxicity estimate: 221 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
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Acute inhalation toxicity	Acute toxicity estimate: 0,14 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
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1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity	Acute toxicity estimate: 450 mg/kg Method: Expert judgement
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Acute inhalation toxicity	Acute toxicity estimate: 0,21 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement
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Skin corrosion/irritation**Product:**

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

Components:**1,2-benzisothiazol-3(2H)-one:**

Causes skin irritation.

Serious eye damage/eye irritation**Product:**

Causes serious eye irritation.

Components:**propan-2-ol:**

Causes serious eye irritation.

propan-1-ol:

Causes serious eye damage.

pyrithione zinc:

Causes serious eye damage.

1,2-benzisothiazol-3(2H)-one:

Causes serious eye damage.

Respiratory or skin sensitisation**Product:**

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

Components:**1,2-benzisothiazol-3(2H)-one:**

May cause an allergic skin reaction.

Germ cell mutagenicity**Product:**

Genotoxicity in vitro

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

Carcinogenicity**Product:**

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

Reproductive toxicity**Product:**

Effects on fertility

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

Developmental Toxicity

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

Components:**pyrithione zinc:**

Developmental Toxicity

May damage the unborn child.

STOT - single exposure**Product:**

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

Components:**propan-2-ol:**

Assessment

May cause drowsiness or dizziness.

propan-1-ol:

Assessment

May cause drowsiness or dizziness.

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STOT - repeated exposure**Product:**

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

Components:**pyrithione zinc:****Assessment**

Causes damage to organs through prolonged or repeated exposure.

Aspiration toxicity**Product:**

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

Toxicology, Metabolism, Distribution**Further information****Product:**

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

11.2 Information on other hazards**Endocrine disrupting properties****Product:****Assessment**

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Experience with human exposure**Product:****General Information**

Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.

Such as: mucous membrane irritation, respiratory system irritation, adverse effects on kidney, liver and central nervous system. Symptoms and signs: headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Long-term or repeated contact with the product leads to degreasing of the skin and can cause nonallergenic contact skin damage (contact dermatitis) and / or the resorption of substances.

Solvent sprays can cause irritation and reversible damage to the eye.

Further information**Product:****Remarks**

: The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Product:****Toxicity to fish**

No data available

Components:**pyrithione zinc:****Toxicity to fish**

LC50 (Danio rerio (zebra fish)): 0,0104 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia (water flea)): 0,051 mg/l

Exposure time: 48 h

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	Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Skeletonema costatum (marine diatom)): 0,0013 mg/l Exposure time: 72 h NOEC (Skeletonema costatum (marine diatom)): 0,00046 mg/l Exposure time: 96 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	1.000
Toxicity to fish (Chronic toxicity)	NOEC: 0,00125 mg/l Exposure time: 28 d Species: Danio rerio (zebra fish)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,0022 mg/l Exposure time: 21 d Species: Daphnia (water flea) Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	10
1,2-benzisothiazol-3(2H)-one: Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 3,27 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 NOEC (Selenastrum capricornutum (green algae)): 0,04 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	1
Toxicity to fish (Chronic toxicity)	NOEC: 0,21 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 215
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 1,2 mg/l Exposure time: 21 d Species: Daphnia (water flea) Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	1
12.2 Persistence and degradability	
Product: Biodegradability	No data available
Components: pyrithione zinc: Biodegradability	Inoculum: activated sludge rapidly degradable Biodegradation: > 85 % Method: OECD Test Guideline 303A

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1,2-benzisothiazol-3(2H)-one:

Biodegradability

not rapidly degradable

12.3 Bioaccumulative potential**Product:**

Bioaccumulation

No data available

Components:**pyrithione zinc:**

Partition coefficient: n-octanol/water

log Pow: 1,21

Method: OECD Test Guideline 107

1,2-benzisothiazol-3(2H)-one:

Partition coefficient: n-octanol/water

log Pow: 0,7

Method: OECD Test Guideline 117

dimethyl ether:

Partition coefficient: n-octanol/water

log Pow: 0,1

12.4 Mobility in soil**Product:**

Mobility

No data available

12.5 Results of PBT and vPvB assessment**Product:**

Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties**Product:**

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects**Product:**

Additional ecological information

Do not allow product to enter into ground water, bodies of water or sewage systems.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Product

The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste"

Partial and residual quantities can be reused.

Fluid remains constitute hazardous waste and should not be poured into the sewage system. They should be taken to a local waste disposal site.

Contaminated packaging

Packaging that is not properly emptied must be disposed of as the unused product.

Waste key for the unused product

Empty packaging should be recycled through disposal systems.

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

(*) hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION

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14.1 UN number or ID number

ADR	1950
IMDG	1950
IATA	1950

14.2 UN proper shipping name

ADR	AEROSOLS
IMDG	AEROSOLS
IATA	Aerosols, flammable

14.3 Transport hazard class(es)

ADR	2.1
IMDG	2.1
IATA	2.1

14.4 Packing group

ADR	
Packing group	Not Assigned
Classification Code	5F
Labels	2.1
Tunnel restriction code	(D)
IMDG	
Labels	2.1
EmS number	F-D, S-U
IATA	
Labels	2.1

14.5 Environmental hazards

ADR	
Environmentally hazardous	: no
IMDG	
Marine pollutant	: no

14.6 Special precautions for user

Remarks	This information is not available.
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14.7 Maritime transport in bulk according to IMO instruments

Remarks	Not applicable
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Additional advice

ADR	ADR: Up to 1 l per inner package, transport as limited quantity in accordance with ADR 3.4.
IMDG	IMDG: Up to 1 l per inner package, transport as limited quantity in accordance with IMDG Code 3.4.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

VOC
Directive 2010/75/EU 60,8 %

VOC
Directive 2004/42/EC

does not fall under Directive 2004/42/EC

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

Not applicable

Conditions of restriction for the following entries should be considered:
(75, 40)dimethyl ether

propan-2-ol
propan-1-ol
pyrithione zinc (30)
1,2-benzisothiazol-3(2H)-one

Other regulations

Comply with the statutory regulations on health and safety at work.
Take note of Dir 94/33/EC on the protection of young people at work.
Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin.
The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of H-Statements

H220	: Extremely flammable gas.
H225	: Highly flammable liquid and vapour.
H280	: Contains gas under pressure; may explode if heated.

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H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H330	: Fatal if inhaled.
H336	: May cause drowsiness or dizziness.
H360D	: May damage the unborn child.
H372	: Causes damage to organs through prolonged or repeated exposure.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Gas	: Flammable gases
Flam. Liq.	: Flammable liquids
Press. Gas	: Gases under pressure
Repr.	: Reproductive toxicity
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information	The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 1272/2008.
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SÜDWEST Heizkörper-Spray

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