

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

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

• **1.1 Product identifier**

• **Trade name:**

Air freshener Rose Enigma

• **Other means of identification:**

Registration number: No available data.

UFI Code: 5YPJ-E02S-500N-D6YY

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

• **Application of the substance/ mixture:**

Consumer uses, produce fragrance and purify the air.

• **Uses advised against:**

No available data.

• **Reason why uses advised against:**

No available data.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

SC Trade & Services GmbH

Schmiedeweg 4, 45731 Waltrop, Germany

Post code: 45731

Email: info@kaeltebringer.de

National contact: Malte Schlienkamp

• **Only Representative/other EU contact point:**

No information available.

• **Further information obtainable from:**

SC Trade & Services GmbH

• **1.4 Emergency telephone number**

Giftinformationszentrum Mainz - Tel. +49 (0) 6131 19240 (24h)

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

• **2.1.1 Classification according to regulation (EC) 1272/2008:**

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Asp. Tox. 1, H304	Summation approach
Skin Sens. 1, H317	Cut-off values/concentration limits approach
Aquatic Chronic 3, H412	Summation method

• **2.1.2 Additional information:**

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

• **2.2 Label elements**

• **Labeling according to Regulation (EC) No 1272/2008:**

The product is labelled according to CLP Regulation.

• **Hazard pictograms:**

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener



GHS07 GHS08

• Signal word:

Danger

• Hazard-determining components of labelling:

C13-C16 Isoparaffin

2-Benzylideneheptanal

• Hazard statements:

H304 May be fatal if swallowed and enters airways

H317 May cause an allergic skin reaction

H412 Harmful to aquatic life with long lasting effects

• Precautionary statement:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P273 Avoid release to the environment.

P280 Wear protective gloves.

P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

• Supplemental label elements:

Contains: orange terpene; lemon oil terpenes; neryl acetate; geraniol; linalool.

• 2.3 Other hazards

None of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.None of the ingredients ($\geq 0.1\%$) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

• 3.1 Substance

Not applicable

• 3.2 Mixtures

• Description of the mixture:

Air freshener.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
C13-C16 Isoparaffin	68551-20-2	-	271-370-0	59.9	Asp. Tox. 1, H304	-
Undecan-4-olide	104-67-6	-	203-225-4	10.8-14.8	Aquatic Chronic 3, H412	-
2-Benzylideneheptanal	122-40-7	-	204-541-5	1.6	Skin Sens. 1, H317 Aquatic Chronic 2, H411	-

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener

Orange terpene	8028-48-6	-	232-433-8	0-0.4	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	-
Lemon oil terpenes	68917-33-9	-	-	0-0.4	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	-
Neryl acetate	141-12-8	-	205-459-2	0-0.4	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411	-
Geraniol	106-24-1	603-241-00-5	203-377-1	0.292	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318	-
Linalool	78-70-6	603-235-00-2	201-134-4	0.12	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	-
Geranyl acetate	105-87-3	-	203-341-5	0.08	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412	-
Anethole	104-46-1	-	203-205-5	0.012	Skin Sens. 1, H317	-
Pigment	-	-	-	0.1	None	-

Additional information:

For full text of H-statements, see SECTION 16.

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

If medical advice is needed, have product container or label at hand.

After inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

After skin contact:

Wash with plenty of soap and water.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener*If eye irritation occurs: Get medical advice/attention.***After swallowing:***Rinse mouth.**Call a POISON CENTER/doctor if you feel unwell.***· 4.2 Most important symptoms and effects, both acute and delayed:***Acute and delayed effects are as indicated in sections 2 and 11.***· 4.3 Indication of any immediate medical attention and special treatment needed:***Treat according to symptom, there is not known specific medicine.***SECTION 5: Fire-fighting measures****· 5.1 Extinguishing media****· Suitable extinguishing agents:***Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish.***· Unsuitable extinguishing media:***Water with full jet.***· 5.2 Special hazards arising from the substance or mixture:***May produce allergic vapor in air under fire.***· 5.3 Advice for firefighters****Protective equipment:***Wear self-contained breathing apparatus for firefighting.***SECTION 6: Accidental release measures****· 6.1 Personal precautions, protective equipment and emergency procedures****· 6.1.1 For non-emergency personnel****Protective equipment:***Protective gloves/respiration protection.***Emergency procedures:***Ensure good ventilation**Avoid breathing vapor/mist.**Avoid contact with skin.**Avoid release to the environment.***· 6.1.2 For emergency responders****Personal protective equipment:***Protective gloves/respiration protection.***· 6.2 Environmental precautions:***Prevent further leakage or spillage if safe to do so.**Prevent spillage from entering drains, sewer, basement or confined areas.**If the spillage contaminates rivers, lakes or drains inform respective authorities.***· 6.3 Methods and material for containment and cleaning up:***Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener

Dispose contaminated material as waste according to section 13.

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:**

Read label before use.

Ensure good ventilation/exhaustion at the workplace.

Avoid breathing vapor.

Avoid contact with skin.

Avoid release to the environment.

Information about fire and explosion protection:

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any non-compatibility**Requirements to be met by storerooms and receptacles:**

Store in a cool and well-ventilated place.

Information about storage in one common storage facility:

Keep out of reach of children.

Further information about storage conditions:

Store locked up.

Storage class:

10.

7.3 Specific end use(s):

See section 1.2.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:** No available data.**DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
104-67-6 Undecan-4-olide			
Systemic effects	Long-term, inhalation exposure	19 mg/m ³	4.68 mg/m ³
	Long-term, dermal exposure	5.38 mg/kg bw/day	2.7 mg/kg bw/day
	Long-term, oral exposure	-	2.7 mg/kg bw/day
8028-48-6 Orange terpene			
Systemic effects	Long-term, inhalation exposure	31.1 mg/m ³	7.78 mg/m ³
	Long-term, dermal exposure	8.89 mg/kg bw/day	4.44 mg/kg bw/day
	Long-term, oral exposure	-	4.44 mg/kg bw/day

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener

Local effects	Acute /short term, dermal exposure	185.8 µg/cm ²	92.9 µg/cm ²
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• **PNECs:**

PNEC type	Value
104-67-6 Undecan-4-olide	
Freshwater	84 µg/L
Intermittent releases (freshwater)	58.5 µg/L
Marine water	8.4 µg/L
Intermittent releases (marine water)	5.85 µg/L
Sewage treatment plant (STP)	80 mg/L
Sediment (freshwater)	5.341 mg/kg sediment dw
Sediment (marine water)	534 µg/kg sediment dw
Soil	1.019 mg/kg soil dw
Secondary poisoning	66.7 mg/kg food
8028-48-6 Orange terpene	
Freshwater	5.4 µg/L
Intermittent releases (freshwater)	5.77 µg/L
Marine water	540 ng/L
Sewage treatment plant (STP)	2.1 mg/L
Sediment (freshwater)	1.3 mg/kg sediment dw
Sediment (marine water)	130 µg/kg sediment dw
Soil	261 µg/kg soil dw

• **Additional information:**

The lists valid during the marking were used as basis.

• **8.2 Exposure controls**

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

Take off contaminated clothing and wash it before reuse.

See section 7 for information about design of technical facilities.

• **Personal protective equipment**• **Eye and face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• **Skin protection**• **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener**Protective gloves**

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

- **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

**Face protection****Safety boots****Safety overalls**

Face shield, gauntlets, boots, bodysuit are recommended.

- **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

**Respiratory equipment**

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

- **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

- **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

• Physical state	Liquid
• Color	Colorless
• Odor & Odor threshold	Characteristic smell
• Melting point/freezing point (or softening point/range)	Not determined
• Boiling point or initial boiling point and boiling range	Not determined
• Flammability	Not flammable liquid
• Lower and upper explosion limit	Not determined
• Flash point	>60°C
• Auto-ignition temperature	Not determined
• Decomposition temperature	Not determined
• pH	Not determined
• Kinematic viscosity (mm²/s)	<20.5 (40°C)
• Solubility	Not determined
• Partition coefficient n-octanol/water (log value)	Not applicable
• Vapor pressure	Not determined

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener

· Density and/or relative density	Not determined
· Relative vapor density	Not determined
· Particle characteristics	Not determined
· 9.2 Other information	
· 9.2.1 Information with regard to physical hazard classes:	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable
· 9.2.2 Other safety characteristics	
· Mechanical sensitivity	Not applicable
· Self-accelerating polymerisation temperature	Not applicable
· Formation of explosible dust/air mixtures	Not applicable
· Acid/alkaline reserve	Not applicable
· Evaporation rate	Not determined
· Miscibility	Not determined
· Conductivity	Not applicable
· Corrosiveness	Not applicable
· Gas group	Not applicable
· Redox potential	Not applicable
· Radical formation potential	Not applicable
· Photocatalytic properties	Not applicable
· Other physical and chemical parameters	Not determined

SECTION 10: Stability and reactivity

· 10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

· 10.2 Chemical stability:

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener*Under storage at normal ambient temperatures, the product is stable.***· 10.3 Possibility of hazardous reactions:***No known hazardous reaction.***· 10.4 Conditions to avoid:***High temperature.***· 10.5 Incompatible materials:***Strong oxidizing agent and acids.***· 10.6 Hazardous decomposition products:***Does not decompose when used for intended uses.***SECTION 11: Toxicological information****· 11.1 Information on toxicological effects****· Acute toxicity:***Based on available data, the classification criteria are not met.***· LD50/LC50 values relevant for classification:**

104-67-6 Undecan-4-olide

Rat	LD50-oral	18500mg/kg
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141-12-8 Neryl acetate

Rabbit	LD50-skin	>5000mg/kg
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Rat	LD50-oral	>5000mg/kg
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106-24-1 Geraniol

Rabbit	LD50-skin	>5000mg/kg
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Rat	LD50-oral	3600mg/kg
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*Remark: All the above data are from literature.***· Skin corrosion/irritation:***Based on available data, the classification criteria are not met.***· Serious eyes damage/ irritation:***Based on available data, the classification criteria are not met.***· Respiratory or skin sensitization:***May cause an allergic skin reaction.***· 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.*

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener**• STOT-repeated exposure:**

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

• Aspiration hazard:

May be fatal if swallowed and enters airways.

• 11.2 Information on other hazards**• 11.2.1 Endocrine disrupting properties:**None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.**• 11.2.2 Other information:**

No known other relevant information on adverse health effects.

SECTION 12: Ecological information**• 12.1 Toxicity:****LC50/EC50/NOEC values relevant for classification:**

104-67-6 Undecan-4-olide

Short-term toxicity to fish LC50 (4 days) 5.5 - 45.6 mg/L

Short-term toxicity to aquatic invertebrates EC50 (48 h) 4 - 5.853 mg/L

Long-term toxicity to aquatic invertebrates
NOEC (21 days) 138 µg/L
EC50 (21 days) 1.07 - 3.7 mg/LToxicity to aquatic algae and cyanobacteria
EC50 (48 h) 8.022 mg/L
NOEC (48 h) 3.33 mg/L

8028-48-6 Orange terpene

Toxicity to aquatic algae and cyanobacteria
EC50 (72 h) 4.3 mg/L
NOEC (72 h) 50 mg/L**• 12.2 Persistence and degradability:**

104-67-6 Undecan-4-olide Readily biodegradable in water

8028-48-6 Orange terpene Readily biodegradable in water

• 12.3 Bio-accumulative potential:

104-67-6 Undecan-4-olide Log Pow = 3.6

8028-48-6 Orange terpene Log Pow = 4.38 at 25 °C; BFC=361 L/kg w/w

• 12.4 Mobility in soil: No available data.**• 12.5 Results of PBT and vPvB assessment:**This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.**• 12.6 Endocrine disrupting properties:**None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.**• 12.7 Other adverse effects:**

No known other adverse effects.

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener

- **12.8 Additional ecological information**

- **General notes:**

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

- **13.1 Waste treatment methods**

- **Recommendation:**

Must not be disposed together with household garbage.

- **13.2 Un-cleaned packaging**

- **Recommendation:**

Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

- **ADR/ADN/RID (2023 Edition)**

This product is not subject to ADR/ADN/RID.

- **IATA-DGR (64th)**

This product is not subject to IATA-DGR.

- **IMO/IMDG (40-20)**

This product is not subject to IMO/IMDG code.

SECTION 15: Regulatory information

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

- **MAK (German Maximum Workplace Concentration):**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances-ANNEX I:**

None of the ingredients is listed.

- **Seveso category:**

Not applicable

- **Qualifying quantity (tonnes) for the application of lower-tier requirements: Not applicable**

- **Qualifying quantity (tonnes) for the application of upper-tier requirements: Not applicable**

- **National regulations.**

- **Water hazard class:**

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients is listed.

- **REACH Regulation Annex XVII Restriction:**

None of the ingredients is listed.

- **REACH Regulation Annex XIV Authorization List:**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:**

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener

A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

• **16.1 Indication of changes:**

None.

• **16.2 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).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Flam. Liq. 3: Flammable liquids, hazard category 3

Asp. Tox. 1: Aspiration toxicity, hazard category 1

Skin Irrit. 2: Skin corrosion/irritation, hazard category 2

Skin Sens. 1: Skin sensitization, hazard category 1

Skin Sens. 1B: Skin sensitization, hazard category 1B

Eye Dam. 1: Eye damage/irritation, hazard category 1

Eye Irrit. 2: Eye damage/irritation, hazard category 2

Aquatic Chronic 2: Long-term (chronic) aquatic hazard, hazard category 2

Aquatic Chronic 3: Long-term (chronic) aquatic hazard, hazard category 3

• **16.3 Key literature references and sources for data:**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

• **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:**

See section 2.1 (classification).

• **16.5 Relevant H- and EUH-phrases (number and full text):**

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

Trade Name: Air freshener*H226 Flammable liquid and vapour**H304 May be fatal if swallowed and enters airways**H315 Causes skin irritation**H317 May cause an allergic skin reaction**H318 Causes serious eye damage**H319 Causes serious eye irritation**H411 Toxic to aquatic life with long lasting effects**H412 Harmful to aquatic life with long lasting effects***• 16.6 Training advice:**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

• 16.7 Further information:

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of safety data sheet