



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

1.1 Product identifier

RECA S15 FOLIENKLEBER DAMPFBREMSE
Article number: 0898715000001

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

1.2.1 Relevant uses

Adhesive

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Kellner & Kunz AG
Boschstr. 37
4600 Wels / AUSTRIA
Phone 0043-7242-484-0
Fax 0043-7242-484-924
Homepage www.reca.co.at
E-mail info@reca.co.at

Address enquiries to

Technical information

info@reca.co.at

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body

+43 (0) 1 406 43 43 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

No classification.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms

none

Hazard statements

none

Special labelling

EUH210 Safety data sheet available on request.

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

2.3 Other hazards

Environmental hazards

Does not contain any PBT or vPvB substances.

Other hazards

No particular hazards known.
Contains no ingredients with endocrine-disrupting properties.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable



3.2 Mixtures

The product is a mixture.

Range [%]	Substance
0,005 - <0,05	1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6 GHS/CLP: Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Aquatic Acute 1: H400, M-Factor (acute): 1 SCL [%]: 0,05: Skin Sens. 1: H317
0,00015 - <0,0015	2-Methyl-2H-isothiazolin-3-one CAS: 2682-20-4, EINECS/ELINCS: 220-239-6, EU-INDEX: 613-326-00-9 GHS/CLP: Acute Tox. 3: H301 H311 - Acute Tox. 2: H330 - Skin Corr. 1B: H314 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - Eye Dam. 1: H318, M-Factor (acute): 10, M-Factor (chronic): 1 SCL [%]: 0,0015: Skin Sens. 1A: H317

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Take off contaminated clothing and wash before reuse.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Get medical advice. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Foam, dry powder, water spray jet, carbon dioxide.
Extinguishing media that must not be used	Full water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:
Carbon monoxide (CO)

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.



SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.
Forms slippery surfaces with water.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand, sawdust, general purpose binder, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Avoid contact with eyes and skin.

Do not eat or drink when working.
Wash hands before breaks and after work.
Use barrier skin cream.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Keep container in a well-ventilated place.
Keep container tightly closed.
Store in a dry place.
Recommended storage temperature: 15 - 25 °C
Keep away from frost.
Protect from sun.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational
exposure limits to be monitored (GB)

not applicable



8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. 0,5 mm Butyl rubber, >480 min (EN 374-1/-2/-3).
Skin protection	Light protective clothing.
Other	Avoid contact with eyes and skin.
Respiratory protection	Not required under normal conditions.
Thermal hazards	No information available.
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	pasty
Color	blue
Odor	No information available.
Odour threshold	No information available.
pH-value	7 - 9
pH-value [1%]	No information available.
Boiling point [°C]	100
Flash point [°C]	>100
Flammability (solid, gas) [°C]	No information available.
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/ml]	1,08 - 1,18 (20 °C / 68,0 °F)
Bulk density [kg/m³]	No information available.
Solubility in water	completely miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	No information available.
Kinematic viscosity	not applicable
Relative vapour density	No information available.
Evaporation speed	No information available.
Melting point [°C]	not applicable
Auto-ignition temperature	No information available.
Decomposition temperature [°C]	not applicable
Particle characteristics	No information available.

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.



10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known.



SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product
oral, Based on the available information, the classification criteria are not fulfilled.,
Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, oral, Rat, 670-784 mg/kg (EPA Guideline),
LD50, oral, Rat, 1020 mg/kg,
NOAEL, oral, Rat, 10 mg/kg/90d (OECD 408),
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LD50, oral, Rat, 120 mg/kg,

Acute dermal toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.,
Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat, > 5000 mg/kg (EPA OPP 81-2),
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, dermal, Rabbit, 242 mg/kg,

Acute inhalational toxicity

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.,
Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, inhalative, Rat, 340 µg/m ³ (4h),

Serious eye damage/irritation Based on the available information, the classification criteria are not fulfilled.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Eye, Rabbit, EPA OPP 81-4, corrosive,

Skin corrosion/irritation Based on the available information, the classification criteria are not fulfilled.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, Rabbit, OECD 404, non-irritating,
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
dermal, Rabbit, OECD 404, corrosive,

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.
Calculation method
May produce an allergic reaction.

Substance



1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
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Guinea pig, OECD 406, sensitising,

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
--

dermal, Guinea pig, OECD 406, sensitising,
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Specific target organ toxicity — single exposure Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
--

NOAEL, oral, 69 mg/kg bw/day (OECD 407),
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2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
--

NOAEL, oral, Rat, 24,6 mg/kg bw/day, OECD 408, negative,
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Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
--

-, InVitro, negative,

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
--

-, in vitro, OECD 471, negative,

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
--

NOAEL, oral, Rat (female), 112 mg/kg bw/day (EPA OPPTS 870.3800),

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
--

NOAEL, oral, Rabbit, 30 mg/kg bw/day, OECD 416, negative,

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.

Substance

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
--

NOAEL, oral, Rat, 3,1 mg/kg bw/day, OECD 453, negative,

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks Frequent persistent contact with the skin can cause skin irritation.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials. Toxicological data of complete product are not available.



SECTION 12: Ecological information

12.1 Toxicity

Product
Based on the available information, the classification criteria are not fulfilled.,
Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Oncorhynchus mykiss, 1,4 mg/l (OECD 203),
LC50, (96h), Oncorhynchus mykiss, 0,8 mg/l,
EC50, (72h), Pseudokirchneriella subcapitata, 0,11 mg/l (OECD 201),
EC50, (48h), Daphnia magna, 1,05 mg/l (OECD 202),
EC50, (48h), Daphnia magna, 4,4 mg/l,
EC10, (72h), Pseudokirchneriella subcapitata, 0,04 mg/l (OECD 201),
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, (48h), Invertebrates, 0,93 - 2,98 mg/L,
LC50, (96h), Oncorhynchus mykiss, 4,77 mg/l,
EC50, (96h), Algae, 72,5 - 103 µg/L,

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	No information available.
Biological degradability	No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

not applicable

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Does not contain a relevant substance that meets the classification criteria.

12.7 Other adverse effects

Ecotoxicological data are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

Do not discharge product unmonitored into the environment.



SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

For recycling, consult manufacturer.
Coordinate disposal with the authorities if necessary.

Waste no. (recommended) 080410

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150102
150104

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable



14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available.

SECTION 15: Regulatory information

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

EEC-REGULATIONS 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- Observe employment restrictions for people no

- VOC (2010/75/CE) < 3%

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H410 Very toxic to aquatic life with long lasting effects.
H314 Causes severe skin burns and eye damage.
H330 Fatal if inhaled.
H301+H311 Toxic if swallowed or in contact with skin.
H400 Very toxic to aquatic life.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H302 Harmful if swallowed.



16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 EL50 = Median effective loading
 ELINCS = European List of Notified Chemical Substances
 EmS = Emergency Schedules
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 IVIS = In vitro irritation score
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 LL50 = Median lethal loading
 LQ = Limited Quantities
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV@TWA = Threshold limit value – time-weighted average
 TLV@STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Modified position

none

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