

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

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

1.1 Product identifier

Trade name: INSEBO Spenglermasse _____

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

Application of the substance / the mixture Spacings sealent

1.3 Details of the supplier of the safety data sheet

WS INSEBO GmbH

Industriestraße 24, A-2325 Himberg bei Wien

Tel.: +43 (0) 2235/86227-0

Fax: +43 (0) 2235/86020

e-mail: office@insebo.com

1.4 Emergency telephone number: Call local emergency information.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS07

Signal word Warning

Hazard-determining components of labelling:

n-butyl acetate

Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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 CENTER or doctor/physician if you feel unwell.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container to hazardous or special waste collection point.

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Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Formation of explosive air/vapour mixtures are possible.

Components of the product can be absorbed by inhalation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Polymer dissolved in solvent

Dangerous components:

CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8	distillates (petroleum), hydrotreated heavy paraffinic Asp. Tox. 1, H304	31-35%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1	n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336, EUH066	22-26%
CAS: 7631-86-9 EINECS: 231-545-4	silicon dioxide substance with a Community workplace exposure limit	5-8%
CAS: 52829-07-9 EINECS: 258-207-9	bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411	0.1-0.2%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Remove from source of exposure.

After inhalation: Supply fresh air and as a precaution call for a doctor.

After skin contact:

Instantly wash with water and soap and rinse thoroughly.

If skin irritation persists consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. Get medical advice if irritation persists.

After swallowing:

Rinse out mouth and drink plenty of water.

Do NOT induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Cough, nausea, vomiting, headache, Lung oedema, central nervous system effects.

Prolonged skin contact may cause skin degreasing and dermatitis.

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

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, dry chemical powder, foam or water spray

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire: carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device if necessary.

Additional information

Cool endangered receptacles with water spray. Contain runoff to prevent entry into water or drainage systems. Dispose of fire debris and contaminated fire fighting water according to the regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Please notice instructions for person-related safety precautions, wear protective equipment (see 8.)

Keep unprotected persons away. Ensure adequate ventilation.

Avoid contact with skin and eyes.

Keep people at a distance and stay on the windward side.

Avoid breathing vapour or mist.

Ensure adequate ventilation.

Keep away from heat and ignition sources.

6.2 Environmental precautions:

Do not allow to enter sewers, surface or ground water.

Contain the spilled material by bunding.

6.3 Methods and material for containment and cleaning up:

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Dispose of in accordance with local regulations.

Additional information:

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

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

While handling pay attention to the usual precaution for chemicals.

Comply with instructions for use.

Avoid any contact with skin, eyes and clothes.

Provide good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Do not breathe fumes or spray.

Wash hands before break and at the end of work.

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Information about fire - and explosion protection:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

In case of fire, emergency cooling with water spray should be available. Ground and bond containers when transferring material. Vapour is heavier than air and can travel considerable distance to a source of ignition and flashback. Vapours may form explosive mixture with air.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Store in tightly closed original containers in a cool and well ventilated place.
Protect from heat and direct sun.

Information about storage in one common storage facility:

Do not store food, beverages and animal feeding stuffs in the storage area.
Store away from strong acids, bases or oxidizing agents.

Further information about storage conditions: Keep out of the reach of children and domestic animals.

Maximum storage temperature: < 60 °C

7.3 Specific end use(s) Solvent-containing sealant for joint sealing

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 123-86-4 n-butyl acetate

MAK (Austria) | Short-term value: 480 mg/m³, 100 ppm; Long-term value: 480 mg/m³, 100 ppm

AGW (Germany) | Long-term value: 300 mg/m³, 62 ppm; 2(I);AGS, Y

CAS: 7631-86-9 silicon dioxide

MAK (Austria) | Long-term value: 4 E mg/m³

AGW (Germany) | Long-term value: 4 E mg/m³; DFG, 2, Y

Regulatory information

MAK (Austria): GKV 2018, 254. Verordnung, 24.9.2018, Teil II

AGW (Germany): TRGS 900

DNELs:

n-butyl acetate (CAS 123-86-4)

Worker, DNEL - short-term exposure - local and systemic effects, inhalation 600 mg/m³

Worker, DNEL - long-term exposure - local and systemic effects, inhalation 300 mg/m³

Worker, DNEL - local and systemic effects, dermal 11 mg/kg

Consumer, DNEL - inhalation, systemic effects 35,7 mg/m³, local effects 300 mg/m³

Consumer, DNEL - dermal, systemic effects 6 mg/kg/Tag, local effects 2 mg/kg/day

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (CAS 52829-07-9)

Worker, DNEL - systemic effects, inhalation 2,82 mg/m³

Worker, DNEL - long-term exposure - systemic effects, dermal 1,6 mg/kg

Consumer, DNEL - long-term exposure - systemic effects, inhalation 0,69 mg/m³

Consumer, DNEL - long-term exposure - systemic effects, dermal 0,8 mg/kg

Consumer, DNEL - long-term exposure - systemic effects, oral 0,4 mg/kg

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PNECs:

n-butyl acetate (CAS 123-86-4)

PNEC freshwater 0,18 mg/l, marine water 0,018 mg/l

PNEC sediment - freshwater 0,981 mg/kg, marine water 0,0981 mg/l

PNEC intermittent release 0,36 mg/l

PNEC soil 0,0903 mg/kg, STP 35,6 mg/l

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (CAS 52829-07-9)

PNEC freshwater 0,018 mg/l, marine water 0,0018 mg/l

PNEC sediment - freshwater 29 mg/kg, marine water 2,9 mg/l

PNEC intermittent release 0,007 mg/l

PNEC soil 5,9 mg/kg, STP 1 mg/l

Ingredients with biological limit values:**Additional information:** Based on actual legally binding lists.**8.2 Exposure controls****Appropriate engineering controls** Provide good ventilation or exhaust at work, particularly in closed areas.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace and keep it tidy.

Remove contaminated clothing immediately and wash carefully before reuse.

Avoid any contact with skin, eyes and clothes.

Do not breathe vapours.

Provide eyewash station and safety shower.

Respiratory protection:

Respirator with A filter. Full mask with above mentioned filter according to producers using requirements or self-contained breathing apparatus. Equipment should conform to EN 136 or EN 140 and EN 143

Hand protection

Solvent-resistant protective gloves (EN 374)

Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

Material of gloves

butyl-rubber: glove thickness approx 0,3 mm

polyvinylchloride /nitrile rubber: glove thickness approx 0,9 mm

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

butyl-rubber: break through time approx 60 min

polyvinylchloride /nitrile rubber: break through time approx 30 min

Eye/face protection

Tightly sealed goggles or face protection (EN 166)

Ensure eye bath is to hand.

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Body protection:

Impervious protective clothing

Wear face-shield and protective suit for abnormal processing problems.

Environmental exposure controls

Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Highly viscous fluid
Colour:	Transparent
Odour:	Characteristic
Odour threshold:	7-20 ppm (n-butyl acetate)
Boiling point or initial boiling point and boiling range:	126 °C (n-Butylacetat)
Flammability:	No data available.
Lower and upper explosion limit:	
Lower:	1.2 % (n-Butylacetat)
Upper:	7.5 % (n-Butylacetat)
Flash point:	27 °C
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not determined.
pH:	6.2 (n-Butylacetat)
Viscosity	
dynamic at 20 °C:	15 Pas
Solubility	
water:	Not soluble
Partition coefficient, n-octanol/water:	Not applicable
Vapour pressure at 20 °C:	15 mbar (n-Butylacetat)
Evaporation rate:	Not applicable
Relative density at 20 °C:	0.93 g/cm ³

9.2 Other information

Explosive properties:	Not applicable
VOC (EC):	≈ 24 % (n-Butylacetat)
Oxidising properties:	Not applicable

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	
Flammable liquid and vapour.	
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void

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Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability** Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions** Vapours may form explosive gas mixture with air.
- 10.4 Conditions to avoid** Extreme temperatures and direct sun exposure.
- 10.5 Incompatible materials:** Strong bases, strong acids and strong oxidising agents
- 10.6 Hazardous decomposition products:** For further information see Section 5

SECTION 11: Toxicological information

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

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

LD/LC50 values relevant for classification:

For the product there are no data on toxicology available. All data refer to the cited ingredients/components.

CAS: 123-86-4 n-butyl acetate

oral	LD50	10760 mg/kg (rat) (OECD 423)
dermal	LD50	>14000 mg/kg (rabbit) (OECD 402)

Skin corrosion/irritation Repeated exposure may cause skin dryness or cracking.

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

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

For the product there are no data on ecotoxicology available. All data refer to the cited ingredients/components.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Do not dispose waste or remains together with domestic waste, do not empty into sink or toilet, hand over to hazardous waste disposers.

Small quantities of cured residue can be disposed of along with domestic waste according to local regulations.

European waste catalogue

15 01 10: Packaging containing residues of or contaminated by dangerous substances

08 04 09: waste adhesives and sealants containing organic solvents or other dangerous substances

Uncleaned packaging:

Recommendation:

Cartridges/buckets/pouches should be emptied completely and should preferably be recycled or reused in compliance with the local/national regulations. Cartridges/buckets/pouches not emptied appropriately or remains have to be disposed of like the product.

SECTION 14: Transport information

14.1 UN number or ID number

IATA UN1133

14.2 UN proper shipping name

IATA ADHESIVES

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14.3 Transport hazard class(es)

ADR



not subjected to ADR/RID see 2.2.3.1.5.
(packaging < 450 l, no dangerous good)

IMDG



not subjected to IMDG-Code 2.3.2.5
(packaging <= 30 l, no dangerous good)

IATA



Class	3 Flammable liquids.
Label	3

14.4 Packing group

IATA	III
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14.5 Environmental hazards:	Not applicable.
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14.6 Special precautions for user	Not required.
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14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
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UN "Model Regulation":	UN 1133 ADHESIVES, 3
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SECTION 15: Regulatory information

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

National regulations: -

VOC (EC): ≈ 24 %

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.

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H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Further information:

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008: Calculation method

Abbreviations and acronyms:

CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CAS: Chemical Abstracts Service (division of the American Chemical Society)
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
AGW: occupational exposure limit
MAK: maximum concentration of a chemical substance in the workplace
DNEL: Derived No-Effect Level
PNEC: Predicted No-Effect Concentration
LD50: lethal dose, 50 percent
LC50: lethal concentration, 50%
EC50: maximal effective concentration, 50%
OECD: Organisation for Economic Co-operation and Development
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
vPvB: very persistent and very bioaccumulative properties
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
Flam. Liq. 3: Flammable liquids – Category 3
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Data compared to the previous version altered: -