

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Junckers SylvaFix

Product no.

H05

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Glueing of wooden floors

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Junckers Industrier A/S

Vaerftsvej 4

4600 Koege

Denmark

Tel. +45 70 80 30 00

Contact person**E-mail**

productsafety@junckers.dk

SDS date

2020-06-11

SDS Version

3.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

2.2. Label elements

Hazard pictogram(s)

Not applicable

Signal word

-

▼ Hazard statement(s)

Not applicable

Precautionary statements

General -

Prevention -

Response -

Storage -

Disposal -

According to EC-Regulation 2015/830

▼ **Identity of the substances primarily responsible for the major health hazards**

Not applicable

▼ **Additional labelling**

Contains 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1)). May produce an allergic reaction. (EUH208).

Safety data sheet available on request. (EUH210)

Unique formula identifier (UFI)

-

▼ **2.3. Other hazards**

Not applicable

▼ **Additional warnings**

Not applicable

VOC (volatile organic compound)

Not applicable

SECTION 3: Composition/information on ingredients

▼ **3.1/3.2. Substances/Mixtures**

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NAME: | 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1)) |
| IDENTIFICATION NOS.: | CAS-no: 55965-84-9 EC-no: 247-500-7/220-239-6 Index-no: 613-167-00-5 |
| CONTENT: | <0.0015% |
| CLP CLASSIFICATION: | Acute Tox. 3, Acute Tox. 2, Skin Corr. 1C, Skin Sens. 1A, Eye Dam. 1, Acute Tox. 2, Aquatic Acute 1, Aquatic Chronic 1 H301, H310, H314, H317, H318, H330, H400, H410 (M-acute = 100) (M-chronic = 100), EUH071 |

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

ATEmix(inhale, vapour) > 20

ATEmix(inhale, dust/mist) > 5

ATEmix(dermal) > 2000

ATEmix(oral) > 2000

N chronic (CAT 4) Sum = $\sum(Ci/(M(\text{chronic})^i * 25) * 0.1 * 10^{\text{CAT}4}) = 0,00004768 - 0,00007152$

N acute (CAT 1) Sum = $\sum(Ci/M(\text{acute})^i * 25) = 0,004768 - 0,007152$

SECTION 4: First aid measures

4.1. Description of first aid measures

▼ **General information**

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

▼ **Inhalation**

Bring the person into fresh air and stay with him/her.

▼ **Skin contact**

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

▼ **Eye contact**

Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30 °C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

According to EC-Regulation 2015/830

Not applicable

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

This product contains substances that may trigger an allergic reaction to predisposed persons.

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

Nothing special

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

▼ 5.1. Extinguishing media

Recommended: Alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

▼ 5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

▼ 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

▼ 7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

▼ 7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

▼ Storage temperature

No data available

▼ 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

▼ DNEL / PNEC

DNEL (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 20 µg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - Workers

According to EC-Regulation 2015/830

DNEL (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 40 µg/m³
Exposure: Inhalation
Duration of Exposure: Short term – Local effects - Workers

DNEL (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 20 µg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - General population

DNEL (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 40 µg/m³
Exposure: Inhalation
Duration of Exposure: Short term – Local effects - General population

DNEL (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 90 µg/kg bw/day
Exposure: Oral
Duration of Exposure: Long term – Systemic effects - General population

DNEL (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 110 µg/kg bw/day
Exposure: Oral
Duration of Exposure: Short term – Systemic effects - General population

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 3,39 µg/l
Exposure: Freshwater

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 3,39 µg/l
Exposure: Intermittent release
Remarks: (freshwater)

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 3,39 µg/l
Exposure: Marine water

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 3,39 µg/l
Exposure: Intermittent release
Remarks: (marine water)

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 230 µg/l
Exposure: Sewage Treatment Plant

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 27 µg/kg dw
Exposure: Freshwater sediment

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 27 µg/kg dw
Exposure: Marine water sediment

PNEC (5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))): 10 µg/kg dw
Exposure: Soil

8.2. Exposure controls

▼ Control is unnecessary if the product is used as intended.

General recommendations

▼ Smoking, eating and drinking are not allowed in the work premises.

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

According to EC-Regulation 2015/830



Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

No specific requirements.

▼ Hand protection

Nitrile rubber

Material thickness: > 0,1 mm.

Breakthrough time: > 480 minutes (Class 6)

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

▼ 9.1. Information on basic physical and chemical properties

| | |
|------------------------------|-------------------|
| Form | Liquid |
| Colour | White |
| Odour | No data available |
| Odour threshold (ppm) | No data available |
| pH | ≈ 3 |
| Viscosity (40°C) | No data available |
| Density (g/cm ³) | 1,1 |

▼ Phase changes

| | |
|-----------------------------------------|-------------------|
| Melting point (°C) | No data available |
| Boiling point (°C) | No data available |
| Vapour pressure | No data available |
| Decomposition temperature (°C) | No data available |
| Evaporation rate (n-butylacetate = 100) | No data available |

▼ Data on fire and explosion hazards

| | |
|--------------------------|-------------------|
| Flash point (°C) | No data available |
| Ignition (°C) | No data available |
| Auto flammability (°C) | No data available |
| Explosion limits (% v/v) | No data available |
| Explosive properties | No data available |

▼ Solubility

| | |
|-----------------------------|-------------------|
| Solubility in water | Soluble |
| n-octanol/water coefficient | No data available |

▼ 9.2. Other information

| | |
|-------------------------|-------------------|
| Solubility in fat (g/L) | No data available |
|-------------------------|-------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

Nothing special

▼ 10.4. Conditions to avoid

Nothing special

10.5. Incompatible materials

According to EC-Regulation 2015/830

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

▼ Acute toxicity

Substance: 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 66 mg/kg

Substance: 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: 141 mg/kg

▼ Skin corrosion/irritation

No data available

▼ Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

This product contains substances that may trigger an allergic reaction to predisposed persons.

▼ Germ cell mutagenicity

No data available

▼ Carcinogenicity

No data available

▼ Reproductive toxicity

No data available

▼ STOT-single exposure

No data available

▼ STOT-repeated exposure

No data available

▼ Aspiration hazard

No data available

Long term effects

Nothing special

SECTION 12: Ecological information

▼ 12.1. Toxicity

No data available

▼ 12.2. Persistence and degradability

Substance

5-Chloro-2-methyl-2H-isothiazol...

Biodegradability

Yes

Test

CO2 Evolution Test

Result

62 %

▼ 12.3. Bioaccumulative potential

Substance

5-Chloro-2-methyl-2H-isothiazol...

Potential bioaccumulation

No

LogPow

0,75

BCF

No data available

▼ 12.4. Mobility in soil

5-Chloro-2-methyl-2H-isothiazol...: Log Koc= 0,672325, Calculated from LogPow (High mobility potential.).

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

▼ 12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Waste

EWC code

08 04 10

waste adhesives and sealants other than those mentioned in 08 04 09

▼ Specific labelling

Not applicable

Contaminated packing

No specific requirements.

SECTION 14: Transport information

14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

14.1. UN number -
 14.2. UN proper shipping name -
 14.3. Transport hazard class(es) -
 14.4. Packing group -
 Notes -
 Tunnel restriction code -

IMDG

UN-no. -
 Proper Shipping Name -
 Class -
 PG* -
 EmS -
 MP** -
 Hazardous constituent -

IATA/ICAO

UN-no. -
 Proper Shipping Name -
 Class -
 PG* -

14.5. Environmental hazards

-

14.6. Special precautions for user

-

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

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

-

Demands for specific education

-

Additional information

According to EC-Regulation 2015/830

Not applicable

Seveso

-

Biocidal reg. no.

Not applicable

Sources

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3

H301 - Toxic if swallowed.

H310 - Fatal in contact with skin.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H330 - Fatal if inhaled.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

EUH071 - Corrosive to the respiratory tract.

The full text of identified uses as mentioned in section 1

-

Additional label elements

Not applicable

Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

ULS

Date of last essential change (First cipher in SDS version)

2017-05-23(2.0)

Date of last minor change (Last cipher in SDS version)

2017-05-23