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

1.1. Product identifier
   alwitra Haftgrund SK

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

   Use of the substance/mixture
   priming

   Uses advised against
   Only use for the intended purpose.
   The product is intended for professional use.

1.3. Details of the supplier of the safety data sheet

   Company name: alwitra GmbH
   Street: Am Forst 1
   Place: D-54296 Trier-Irsch
   Telephone: 0651 - 9102 - 0
   Telefax: 0651 - 9102 - 500
   e-mail (Contact person): J.Loecherbach@alwitra.de
   Responsible Department: Abteilung Anwendungstechnik

1.4. Emergency telephone number:

   Poison Control Center Berlin (24h): + 49 (0)30 3068 6700

   Further Information
   UFI-Code: SP94-70F6-A00R-S96M

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

   Regulation (EC) No. 1272/2008
   Hazard categories:
   Respiratory or skin sensitisation: Skin Sens. 1A
   Hazard Statements:
   May cause an allergic skin reaction.

2.2. Label elements

   Regulation (EC) No. 1272/2008
   Hazard components for labelling
   BENZISOTHIAZOLINONE;
   METHYLISOTHIAZOLINONE;
   Reaktionsmasse aus METHYLCHLOROISOTHIAZOLINONE und METHYLISOTHIAZOLINONE (3:1)
   Signal word: Warning
   Pictograms:

   Hazard statements
   H317 May cause an allergic skin reaction.

   Precautionary statements
   P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
   P280 Wear protective gloves/protective clothing/eye protection/face protection.
   P302+P352 IF ON SKIN: Wash with plenty of water.
   P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
   P501 Dispose of contents/container according to regional/national regulations. Do not discard
with household waste.

2.3. Other hazards
The components in this mixture do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Chemical characterization
Mixture of substances listed below with harmless additions.

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
<th>EC No</th>
<th>Index No</th>
<th>REACH No</th>
<th>GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>68002-80-2</td>
<td>Fatty acids, C14-18 and C16-18-unsatd., potassium salts</td>
<td>&lt;= 2.5 %</td>
<td>628-094-8</td>
<td>268-094-8</td>
<td>268-094-8</td>
<td>Eye Irrit. 2; H319</td>
</tr>
<tr>
<td>268-094-8</td>
<td>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (BENZISOTHIAZOLINONE)</td>
<td>&lt;0.05 %</td>
<td>264-33-5</td>
<td>220-020-4</td>
<td>264-33-5</td>
<td>Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H330 H315 H318 H317 H400 H411</td>
</tr>
<tr>
<td>613-088-00-6</td>
<td>Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H330 H302 H315 H318 H317 H400 H411</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>268-094-8</td>
<td>2-methylisothiazol-3(2H)-one (METHYLISOTHIAZOLINONE)</td>
<td>&lt;0.025 %</td>
<td>220-239-8</td>
<td>613-326-00-9</td>
<td>220-239-8</td>
<td>Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071</td>
</tr>
<tr>
<td>-</td>
<td>EUH071</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55965-84-9</td>
<td>reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one (METHYLCHLOROISOTHIAZOLINONE) and 2-methyl-2H-isothiazol-3-one (METHYLISOTHIAZOLINONE) (3:1)</td>
<td>&lt;0.0015 %</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1 (M-Factor = 100), Aquatic Chronic 1 (M-Factor = 100); H330 H310 H301 H314 H318 H317 H400 H410 EUH071</td>
</tr>
</tbody>
</table>

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
In case of troubles or persistent symptoms, consult an doctor/physician.
Remove persons from danger area and lie them down. Never orally infuse something to an unconscious person. No special first aid measures necessary. A vomiting, supine person must be brought into recovery position.

After inhalation
Provide fresh air. In case of respiratory tract irritation, consult a physician.
In case of irregular breathing or respiratory arrest, perform artificial respiration.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. Call a physician immediately.

After contact with eyes
IF IN EYES: 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.
After ingestion
    Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed
    Allergic reactions, Redness, dryness, inflammation and cracking of the skin.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
    Suitable extinguishing media
    Carbon dioxide (CO2), Sand. Extinguishing powder. Water spray. Fight larger fires with water spray jet or alcohol-resistant foam.
    Unsuitable extinguishing media
    High power water jet.

5.2. Special hazards arising from the substance or mixture
    Thermal decomposition can lead to harmful gases and vapours.

5.3. Advice for firefighters
    Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information
    Cool the endangered containers with a stream of water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
    Provide adequate ventilation. Keep away from sources of ignition - No smoking.
    Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions
    Do not allow to enter into surface water or drains.
    In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up
    Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.

6.4. Reference to other sections
    Safe handling: see section 7
    Personal precautions: refer to section 8
    Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
    Advice on safe handling
    Provide adequate ventilation as well as local exhaustion at critical locations. Handle and open container with care.

    Advice on protection against fire and explosion
    Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities
    Requirements for storage rooms and vessels
    Store only in original container. Keep container tightly closed in a cool, well-ventilated place.
7.3. Specific end use(s)

priming

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values
To date, no national critical limit values exist.

8.2. Exposure controls

Protective and hygiene measures
Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.
Avoid skin, eye and clothing contact. After contact with skin, wash immediately with plenty of water and soap or
a suitable cleaning agent.

Eye/face protection
Tightly fitting safety glasses with side shields. (DIN EN 166)

Hand protection
Protect skin by using skin protective cream. Wear suitable gloves. When handling with chemical substances, protective gloves must be worn with the CE-label including the four
control digits.
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working
place concentration and quantity of hazardous substances.
Suitable material: NBR (Nitrile rubber).
Thickness of glove material: >= 0,4 mm

Skin protection
Full cover clothing covering arms and legs.

Respiratory protection
Use protective filter mask in case of short-term and low exposure; in case of intense or longer exposure, use
respiratory protection device operating independently from circulating air.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Physical state: | liquid |
| Colour:         | white  |
| Odour:          | characteristic |

pH-Value (at 20 °C): 8,9 ISO 976

Changes in the physical state

| Melting point:           | No data available |
| Initial boiling point and boiling range: | 100 °C |
| Sublimation point:       | No data available |
| Softening point:         | No data available |
| Pour point:              | No data available |
| Flash point:             | No data available |
| Sustaining combustion:   | Not sustaining combustion |

Explosive properties
The product is not explosive, however, formation of explosive mixtures are possible.

| Lower explosion limits: | No data available |
| Upper explosion limits: | No data available |
Ignition temperature: 246 °C

**Auto-ignition temperature**

Gas: not determined

Decomposition temperature: not determined

**Oxidizing properties**

not determined

Vapour pressure: 23 hPa
(at 20 °C)

Density (at 20 °C): 1 g/cm³ ISO 2811

Water solubility: Not mixable and/or hard to mix.

Partition coefficient: not determined

Viscosity / dynamic:
(at 20 °C) 13000 mPa·s ISO 2555

Vapour density: not determined

**9.2. Other information**

Solid content: 41%

No further information available.

**SECTION 10: Stability and reactivity**

10.1. Reactivity

No dangerous reactivity under regular conditions.

10.2. Chemical stability

The product is stable under regular conditions.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

**SECTION 11: Toxicological information**

11.1. Information on toxicological effects

**Acute toxicity**

Based on available data, the classification criteria are not met.
<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>2634-33-5</td>
<td>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (BENZISOTHIAZOLINONE)</td>
<td>oral</td>
<td>ATE 500</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>inhalation vapour</td>
<td>ATE 0,5 mg/l</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>inhalation aerosol</td>
<td>ATE 0,05 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2682-20-4</td>
<td>2-methylisothiazol-3(2H)-one (METHYLISOTHIAZOLINONE)</td>
<td>oral</td>
<td>ATE 100</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE 300</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation vapour</td>
<td>ATE 0,5 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation aerosol</td>
<td>ATE 0,05 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55965-84-9</td>
<td>reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one (METHYLCHLOROISOTHIAZOLINONE) and 2-methyl-2H-isothiazol-3-one (METHYLISOTHIAZOLINONE) (3:1)</td>
<td>oral</td>
<td>ATE 100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE 50 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation vapour</td>
<td>ATE 0,5 mg/l</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>inhalation aerosol</td>
<td>ATE 0,05 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Irritation and corrosivity**
Based on available data, the classification criteria are not met.

**Sensitising effects**
May cause an allergic skin reaction. (1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (BENZISOTHIAZOLINONE); 2-methylisothiazol-3(2H)-one (METHYLISOTHIAZOLINONE); reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one (METHYLCHLOROISOTHIAZOLINONE) and 2-methyl-2H-isothiazol-3-one (METHYLISOTHIAZOLINONE) (3:1))

**Carcinogenic/mutagenic/toxic effects for reproduction**
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.

**SECTION 12: Ecological information**

**12.1. Toxicity**
Harmful to aquatic life with long lasting effects.

**12.2. Persistence and degradability**
No data available.

**12.3. Bioaccumulative potential**
No data available.

**12.4. Mobility in soil**
No data available.

**12.5. Results of PBT and vPvB assessment**
The components in this mixture do not meet the criteria for classification as PBT or vPvB.
12.6. Other adverse effects
No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations
Disposal according to official regulations.
Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

List of Wastes Code - residues/unused products
080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)
14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)
14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)
14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)
14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no
14.6. Special precautions for user

Warning: Flammable liquids

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

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC): Not subject to 2012/18/EU (SEVESO III)

Information according to 2012/18/EU (SEVESO III):

Additional information

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
Regulation (EC) No. 648/2004 (Detergents regulation): not applicable
Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable
Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

SECTION 16: Other information

Changes

Version 7,00 - General update - 03.03.2015
Version 8,00 - General update - 02.05.2017
Version 9,00 - General update - 21.04.2020

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)
CAS: Chemical Abstracts Service
EC: Effective Concentration
EG: European Community (Europäische Gemeinschaft)
EN: European Norm
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
CLP: Classification, Labeling, Packaging
IUCLID: International Uniform Chemical Information Database
LC: Lethal concentration
LD: Lethal dose
log Kow: Octanol/water partition coefficient
Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Sens. 1A; H317</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

Relevant H and EUH statements (number and full text)

- **H301** Toxic if swallowed.
- **H302** Harmful if swallowed.
- **H310** Fatal in contact with skin.
- **H311** Toxic in contact with skin.
- **H314** Causes severe skin burns and eye damage.
- **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.
- **H400** Very toxic to aquatic life.
- **H410** Very toxic to aquatic life with long lasting effects.
- **H411** Toxic to aquatic life with long lasting effects.
- **EUH071** Corrosive to the respiratory tract.

Further Information

The information given in this safety data sheet is to describe the product’s safety regulations. It is not for guaranteeing certain characteristics and is based on today’s knowledge. The safety data sheet was generated upon information of pre-suppliers by:

asseso AG, Frohsinnstraße 28, 63739 Aschaffenburg, Germany
Phone: +49 (0)6021 - 1 50 86-0, Fax: +49 (0)6021 - 1 50 86-77, E-Mail: eu-sds@asseso.eu, www.asseso.eu

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)