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

1.1. Product identifier

MasterKure 101

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

Relevant identified uses: Product for construction chemicals

1.3. Details of the supplier of the safety data sheet

Company: BASF Construction Chemicals Egypt
Factory: Piece 118, Zone 4
Sadat City - Monoufaia, Egypt

Contact address: BASF SE
67056 Ludwigshafen

Telephone: +49 621 60-0
E-mail address: global.info@basf.com

1.4. Emergency telephone number

International emergency number:
Telephone: +49 180 2273-112

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

Skin Sens. 1

According to Directive 67/548/EEC or 1999/45/EC
Possible Hazards:
May cause sensitization by skin contact.

For the classifications not written out in full in this section the full text can be found in section 16.

2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

Pictogram:

Signal Word:
Warning

Hazard Statement:
H317 May cause an allergic skin reaction.

Precautionary Statements (Prevention):
P280 Wear protective gloves.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
P362 + P364 Take off contaminated clothing and wash before reuse.

Precautionary Statements (Disposal):
P501 Dispose of contents/container to hazardous or special waste collection point.

According to Regulation (EC) No 1272/2008 [CLP]

Hazard determining component(s) for labelling: MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

According to Directive 67/548/EEC or 1999/45/EC


Hazard symbol(s)
Xi Irritant.
R-phrase(s)
R43  May cause sensitization by skin contact.

S-phrase(s)
S2  Keep out of the reach of children.
S24  Avoid contact with skin.
S37  Wear suitable gloves.
S46  If swallowed, seek medical advice immediately and show this container or label.

Hazard determining component(s) for labelling: MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical nature

Aqueous solution based on: copolymer, styrene

Hazardous ingredients (GHS)

according to Regulation (EC) No. 1272/2008

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.
Date / Revised: 28.05.2015  Version: 2.0
Product: **MasterKure 101**
(ID no. 30601167/SDS_GEN_EU/EN)
Date of print 13.03.2019

Content (W/W): >= 0 % - < 0.01 %
CAS Number: 55965-84-9
INDEX-Number: 613-167-00-5

Acute Tox. 3 (oral)
Acute Tox. 2 (Inhalation - mist)
Acute Tox. 2 (dermal)
Skin Corr./Irrit. 1B
Eye Dam./Irrit. 1
Skin Sens. 1
Aquatic Acute 1
Aquatic Chronic 1
H310, H330, H301, H317, H314, H400, H410

Differing classification according to current knowledge and the criteria given in Annex I of Regulation (EC) No. 1272/2008
Acute Tox. 3 (oral)
Acute Tox. 2 (Inhalation - mist)
Acute Tox. 2 (dermal)
Skin Corr./Irrit. 1B
Eye Dam./Irrit. 1
Skin Sens. 1A
Aquatic Acute 1
Aquatic Chronic 1
M-factor acute: 10
M-factor chronic: 1
H310, H330, H301, H317, H314, H400, H410

Specific concentration limit:
Skin Sens. 1: >= 0.0015 %
Skin Corr./Irrit. 2: 0.06 - < 0.6 %
Eye Dam./Irrit. 2: 0.06 - < 0.6 %
Skin Corr./Irrit. 1B: >= 0.6 %

Hazardous ingredients
according to Directive 1999/45/EC
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Content (W/W): >= 0 % - < 0.01 %
CAS Number: 55965-84-9
INDEX-Number: 613-167-00-5
Hazard symbol(s): T, N
R-phrase(s): 23/24/25, 34, 43, 50/53

For the classifications not written out in full in this section, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, the full text is listed in section 16.

**SECTION 4: First-Aid Measures**

4.1. Description of first aid measures
First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:
If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:
After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media
Suitable extinguishing media:
- foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:
- water jet

5.2. Special hazards arising from the substance or mixture
- Carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

5.3. Advice for fire-fighters
Special protective equipment:
Wear a self-contained breathing apparatus.

Further information:
The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.
SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
- Do not breathe vapour/aerosol/spray mists. Wear eye/face protection. If exposed to high vapour concentration, leave area immediately. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

6.2. Environmental precautions
- Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up
- For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.
- For large amounts: Pump off product.

6.4. Reference to other sections
- Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling
- Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

7.2. Conditions for safe storage, including any incompatibilities
- Suitable materials for containers: High density polyethylene (HDPE)
- Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

7.3. Specific end use(s)
- For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters
- Components with occupational exposure limits
55965-84-9: mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)

8.2. Exposure controls

Personal protective equipment

Respiratory protection:
Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:
Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.
Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures
Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>white</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>pH value</td>
<td>7 - 8 (20 °C)</td>
</tr>
<tr>
<td>boiling temperature</td>
<td>approx. 100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td>not flammable</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>not applicable</td>
</tr>
</tbody>
</table>
Vapour pressure: 23 hPa
(20 °C)
Density: 1.01 - 1.03 g/cm³
(20 °C)
Solubility in water: miscible
(20 °C)
Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

9.2. Other information

Bulk density: not applicable

Other Information:
If necessary, information on other physical and chemical parameters is indicated in this section.

SECTION 10: Stability and Reactivity

10.1. Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals: No corrosive effect on metal.

10.2. Chemical stability
The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions
The product is stable if stored and handled as prescribed/indicated.

10.4. Conditions to avoid
See MSDS section 7 - Handling and storage.

10.5. Incompatible materials
Substances to avoid:
strong acids, strong bases, strong oxidizing agents, strong reducing agents

10.6. Hazardous decomposition products
No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects
Acute toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met. The product has not been tested. The statement has been derived from the properties of the individual components.

**Irritation**

Assessment of irritating effects:
Not irritating to eyes and skin.

**Respiratory/Skin sensitization**

Assessment of sensitization:
Sensitization after skin contact possible.

**Germ cell mutagenicity**

Assessment of mutagenicity:
The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

**Carcinogenicity**

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

**Reproductive toxicity**

Assessment of reproduction toxicity:
The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

**Developmental toxicity**

Assessment of teratogenicity:
The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

**Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**

Assessment of repeated dose toxicity:
No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

**Other relevant toxicity information**

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.
SECTION 12: Ecological Information

12.1. Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms. At the present state of knowledge, no negative ecological effects are expected.

12.2. Persistence and degradability

Assessment biodegradation and elimination (H2O):
Inherently biodegradable.

12.3. Bioaccumulative potential

Assessment bioaccumulation potential:
No data available.
Discharge into the environment must be avoided.

12.4. Mobility in soil

Assessment transport between environmental compartments:
Vollatility: No data available.

12.5. Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

12.6. Other adverse effects

The product does not contain substances that are listed in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

12.7. Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control. Do not discharge substance/product into sewer system. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Observe national and local legal requirements.
Residues should be disposed of in the same manner as the substance/product.
Contaminated packaging:
Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

**SECTION 14: Transport Information**

**Land transport**

**ADR**

<table>
<thead>
<tr>
<th>UN number:</th>
<th>Not classified as a dangerous good under transport regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name:</td>
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</tr>
<tr>
<td>Transport hazard class(es):</td>
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</tr>
<tr>
<td>Packing group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards:</td>
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</tr>
<tr>
<td>Special precautions for user</td>
<td>None known</td>
</tr>
</tbody>
</table>

**RID**

<table>
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<tr>
<th>UN number:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name:</td>
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</tr>
<tr>
<td>Transport hazard class(es):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None known</td>
</tr>
</tbody>
</table>

**Inland waterway transport**

**ADN**

<table>
<thead>
<tr>
<th>UN number:</th>
<th>Not classified as a dangerous good under transport regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Transport hazard class(es):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None known</td>
</tr>
</tbody>
</table>

**Transport in inland waterway vessel:**

| Transport in inland waterway vessel: | Not evaluated |

**Sea transport**
IMDG

<table>
<thead>
<tr>
<th>UN number:</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Transport hazard class(es):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None known</td>
</tr>
</tbody>
</table>

**Air transport**

<table>
<thead>
<tr>
<th>UN number:</th>
<th>Not classified as a dangerous good under transport regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Transport hazard class(es):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None known</td>
</tr>
</tbody>
</table>

14.1. UN number
See corresponding entries for “UN number” for the respective regulations in the tables above.

14.2. UN proper shipping name
See corresponding entries for “UN proper shipping name” for the respective regulations in the tables above.

14.3. Transport hazard class(es)
See corresponding entries for “Transport hazard class(es)” for the respective regulations in the tables above.

14.4. Packing group
See corresponding entries for “Packing group” for the respective regulations in the tables above.

14.5. Environmental hazards
See corresponding entries for “Environmental hazards” for the respective regulations in the tables above.

14.6. Special precautions for user
See corresponding entries for “Special precautions for user” for the respective regulations in the tables above.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

<table>
<thead>
<tr>
<th>Regulation:</th>
<th>Not evaluated</th>
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<tbody>
<tr>
<td>Shipment approved:</td>
<td>Not evaluated</td>
</tr>
<tr>
<td>Pollution name:</td>
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</tr>
<tr>
<td>Pollution category:</td>
<td>Not evaluated</td>
</tr>
<tr>
<td>Ship Type:</td>
<td>Not evaluated</td>
</tr>
</tbody>
</table>

SECTION 15: Regulatory Information

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

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

SECTION 16: Other Information

In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'.

Full text of the classifications, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, if mentioned in section 2 or 3:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>Toxic.</td>
</tr>
<tr>
<td>N</td>
<td>Dangerous for the environment.</td>
</tr>
<tr>
<td>23/24/25</td>
<td>Toxic by inhalation, in contact with skin and if swallowed.</td>
</tr>
<tr>
<td>34</td>
<td>Causes burns.</td>
</tr>
<tr>
<td>43</td>
<td>May cause sensitization by skin contact.</td>
</tr>
<tr>
<td>50/53</td>
<td>Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td>Skin Sens.</td>
<td>Skin sensitization</td>
</tr>
<tr>
<td>Acute Tox.</td>
<td>Acute toxicity</td>
</tr>
<tr>
<td>Skin Corr./Irrit.</td>
<td>Skin corrosion/irritation</td>
</tr>
<tr>
<td>Eye Dam./Irrit.</td>
<td>Serious eye damage/eye irritation</td>
</tr>
<tr>
<td>Aquatic Acute</td>
<td>Hazardous to the aquatic environment - acute</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>Hazardous to the aquatic environment - chronic</td>
</tr>
<tr>
<td>H310</td>
<td>Fatal in contact with skin.</td>
</tr>
<tr>
<td>H330</td>
<td>Fatal if inhaled.</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed.</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility...
BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.
Date / Revised: 28.05.2015
Version: 2.0
Product: **MasterKure 101**
(ID no. 30601167/SDS_GEN_EU/EN)
Date of print 13.03.2019

of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.