

# SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

## MasterProtect H 303

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 16.04.2020  |
| 1.1     | 31.12.2020     | 000000249784 | Date of first issue: 16.04.2020 |

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

#### 1.1 Product identifier

Trade name : MasterProtect H 303  
Product code : 000000000050453912

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

Use of the Sub-stance/Mixture : Product for construction chemicals  
Recommended restrictions on use : Industrial use, Professional use, Consumer use

#### 1.3 Details of the supplier of the safety data sheet

Company : Master Builders Solutions  
Yapı Kimyasalları Sanayi ve Ticaret Ltd.  
Sti.,  
Ataşehir Kuzey, C Kapısı 3E/ 5-12  
34746 İstanbul, Turkey  
Telephone : +902162178800  
Telefax : +902162178800  
E-mail address of person responsible for the SDS : [mabas-eb@mbcc-group.com](mailto:mabas-eb@mbcc-group.com)

#### 1.4 Emergency telephone

ChemTel: +1-813-248-0585

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification T.R. SEA No 28848

Skin corrosion/irritation, Category 2 H315: Causes skin irritation.

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

Labeling T.R. SEA No 28848

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## MasterProtect H 303

Version 1.1      Revision Date: 31.12.2020      SDS Number: 000000249784      Date of last issue: 16.04.2020  
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Hazard pictograms :



Signal Word : Warning

Hazard Statements : H315 Causes skin irritation.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

### Prevention:

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

P273 Avoid release to the environment.

P264 Wash face, hands and any exposed skin thoroughly after handling.

### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

### Disposal:

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

### Additional Labeling:

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

### 2.3 Other hazards

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

### 3.2 Mixtures

Chemical nature : emulsion  
organic compounds

### Components

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification | Concentration<br>(% w/w) |
|---------------|---|----------------|--------------------------|
|               |   |                |                          |

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Version 1.1      Revision Date: 31.12.2020      SDS Number: 00000249784      Date of last issue: 16.04.2020  
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|                      |                        |  |              |
|----------------------|------------------------|--|--------------|
| Triethoxyoctylsilane | 2943-75-1<br>220-941-2 | Flam. Liq.3; H226<br>Skin Irrit.2; H315  | >= 10 - < 25 |
| Cetrimonium chloride | 112-02-7<br>203-928-6  | Acute Tox.4; H302<br>Acute Tox.3; H311<br>Skin Corr.1C;<br>H314<br>Eye Dam.1; H318<br>Aquatic Acute1;<br>H400<br>Aquatic Chronic1;<br>H410<br>M-Factor (Acute aquatic toxicity):<br>10 | >= 0,2 - < 1 |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first-aid measures

- General advice : Move out of dangerous area.  
Show this material safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
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

None known.

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

Treatment : Treat symptomatically.

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## MasterProtect H 303

|         |                |              |                                 |
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| 1.1     | 31.12.2020     | 000000249784 | Date of first issue: 16.04.2020 |

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

#### 5.3 Advice for firefighters

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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## MasterProtect H 303

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Advice on safe handling : Do not breathe vapors/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

#### 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.
- 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.
- Advice on common storage : Observe TRGS 509/510 storage rules.
- Further information on storage stability : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

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

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

##### Personal protective equipment

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

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According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

## MasterProtect H 303

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
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| 1.1     | 31.12.2020     | 000000249784 | Date of first issue: 16.04.2020 |

---

|                          |   |  |
|--------------------------|---|--|
| Remarks                  | : | impermeable gloves Synthetic rubber gloves Manufacturer's directions for use should be observed because of great diversity of types.   |
| Skin and body protection | : | Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.  |
| Respiratory protection   | : | Wear respiratory protection if ventilation is inadequate.<br>Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).  |
| Protective measures      | : | Do not inhale dust/fumes/aerosols.<br>Avoid contact with the skin, eyes and clothing.<br>Avoid exposure - obtain special instructions before use.<br>Handle in accordance with good building materials hygiene and safety practice.<br>Wearing of closed work clothing is recommended. |

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |   |
|--|---|---|
| Appearance                                       | : | liquid  |
| Color  | : | white   |
| Odor   | : | almost odourless  |
| Odor Threshold                                   | : | No data available   |
| pH   | : | approx. 7 - 8 (20 °C)   |
| Melting temperature                              | : | approx. 0 °C(for a component of this mixture)                             |
| Boiling point                                    | : | approx. 100 °C  |
| Flash point                                      | : | A flash point determination is unnecessary due to the high water content. |
| Evaporation rate                                 | : | not determined  |
| Flammability (solid, gas)                        | : | not flammable   |
| Lower explosion limit / Lower flammability limit | : | dropped   |
| Vapor pressure                                   | : | No data available   |

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According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

## MasterProtect H 303

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 16.04.2020  |
| 1.1     | 31.12.2020     | 000000249784 | Date of first issue: 16.04.2020 |

---

|  |   |   |
|--|---|---|
| Relative vapor density                 | : | not determined  |
| Density                                | : | approx. 1,00 - 1,05 g/cm <sup>3</sup> (20 °C)                   |
| Solubility(ies)<br>Water solubility    | : | partly miscible (20 °C)   |
| Partition coefficient: n-octanol/water | : | not applicable for mixtures                                     |
| Autoignition temperature               | : | No data available   |
| Decomposition temperature              | : | No decomposition if stored and handled as prescribed/indicated. |
| Viscosity<br>Viscosity, dynamic        | : | not determined  |
| Explosive properties                   | : | Not explosive<br>Not explosive                                  |
| Oxidizing properties                   | : | not fire-propagating  |

### 9.2 Other information

|                      |   |   |
|----------------------|---|---|
| Metal corrosion rate | : | Corrosive effects to metal are not anticipated. |
|----------------------|---|---|

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

|                     |   |   |
|---------------------|---|---|
| Hazardous reactions | : | No decomposition if stored and applied as directed. |
|---------------------|---|---|

### 10.4 Conditions to avoid

|                     |   |   |
|---------------------|---|---|
| Conditions to avoid | : | See SDS section 7 - Handling and storage. |
|---------------------|---|---|

### 10.5 Incompatible materials

|                    |   |   |
|--------------------|---|---|
| Materials to avoid | : | Strong acids<br>Strong bases<br>Strong oxidizing agents<br>Strong reducing agents |
|--------------------|---|---|

### 10.6 Hazardous decomposition products

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

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## MasterProtect H 303

|         |                |              |                                 |
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| 1.1     | 31.12.2020     | 000000249784 | Date of first issue: 16.04.2020 |

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

**Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Respiratory or skin sensitization**

**Skin sensitization**

Not classified based on available information.

**Respiratory sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

**Product:**

**Ecotoxicology Assessment**

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

**Components:**

**Cetrimonium chloride:**

M-Factor (Acute aquatic tox- : 10



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### 12.2 Persistence and degradability

**Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : Remarks: No data available.  
Discharge into the environment must be avoided.

**Components:**

**Cetrimonium chloride:**

Partition coefficient: n-octanol/water : log Pow: 3,08 (25 °C)  
Method: other (measured)  
GLP: yes

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : Remarks: The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### 12.6 Other adverse effects

**Product:**

Ozone-Depletion Potential : Remarks: The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.

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|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
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| 1.1     | 31.12.2020     | 000000249784 | Date of first issue: 16.04.2020 |

Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

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### SECTION 15: Regulatory information

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

##### Other regulations:

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

#### 15.2 Chemical Safety Assessment

Chemical Safety Assessment not required

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### SECTION 16: Other information

#### Full text of H-Statements

|      |   |                              |
|------|---|------------------------------|
| H226 | : | Flammable liquid and vapour. |
| H302 | : | Harmful if swallowed.        |
| H311 | : | Toxic in contact with skin.  |

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|         |                |              |                                 |
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H314 : Causes severe skin burns and eye damage.  
H315 : Causes skin irritation.  
H318 : Causes serious eye damage.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Acute : Short-term (acute) aquatic hazard  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Eye Dam. : Serious eye damage  
Flam. Liq. : Flammable liquids  
Skin Corr. : Skin corrosion  
Skin Irrit. : Skin irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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|         |                |              |                                 |
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Certificate no: KDU-A-0-0077  
Certification Date: 29.07.2020  
Certificate Expiry Date: 29.07.2025

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