

Page 1 of 12 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 22.02.2019 / 0006 Replacing version dated / version: 07.05.2018 / 0005 Valid from: 22.02.2019 PDF print date: 26.04.2019 Leak detector - foam based 8887300018

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

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Leak detector - foam based 8887300018

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

Leak detector Sector of use [SU]: SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen) Chemical product category [PC]: PC24 - Lubricants, greases, release products Process category [PROC]: PROC11 - Non industrial spraying Article Categories [AC]: AC99 - Not required. Environmental Release Category [ERC]: ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) **Uses advised against:**

No information available at present.

1.3 Details of the supplier of the safety data sheet

Dometic Germany GmbH, Hollefeldstr. 63, 48282 Emsdetten, Germany Phone:+49 (0) 2572 879 0, Fax:+49 (0) 2572 879 300 info@dometic-waeco.de, www.waeco.com

Dometic UK Ltd Dometic House, The Brewery, DT11 9LS Blandford St Mary, Dorset, United Kingdom Phone:+44 (0) 0844 626 0133, Fax:+44 (0) 0844 626 0143 automotive@dometic.co.uk, www.airconstations.co.uk ®

Dometic UK Ltd Dometic House, The Brewery, DT11 9LS Blandford St Mary, Dorset, United Kingdom Phone:+44 (0) 0844 626 0133, Fax:+44 (0) 0844 626 0143 automotive@dometic.co.uk, www.airconstations.co.uk

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number Emergency information services / official advisory body:

National Poisons Information Centre, Beaumont Hospital, Dublin 9, Ireland, Tel.: +353 (0)1 809 2166 (Public Poisons Info Line, 8am-10pm, 7 days a week) +353 (0)1 809 2566 (Info for Healthcare Professionals ONLY, 24 h, 7 days a week) **Telephone number of the company in case of emergencies:**

+49 (0) 700 / 24 112 112 (CCWA)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture



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Classification according to Regulation (EC) 1272/2008 (CLP)Hazard classHazard categoryHazard statementSkin Sens.1H317-May cause an allergic skin reaction.

2.2 Label elements Labeling according to Regulation (EC) 1272/2008 (CLP)



H317-May cause an allergic skin reaction.

P261-Avoid breathing vapours or spray. P280-Wear protective gloves. P333+P313-If skin irritation or rash occurs: Get medical advice / attention. P501-Dispose of contents / container to an approved waste disposal facility.

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %). The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2- methyl-2H-isothiazol-3-one (3:1) | | |
|---|-------------------------------|--|
| Registration number (REACH) | | |
| Index | 613-167-00-5 | |
| EINECS, ELINCS, NLP | | |
| CAS | 55965-84-9 | |
| content % | 0,0015-<0,025 | |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Acute Tox. 3, H331 | |
| | Acute Tox. 3, H311 | |
| | Acute Tox. 3, H301 | |
| | Skin Corr. 1B, H314 | |
| | Skin Sens. 1, H317 | |
| | Aquatic Acute 1, H400 (M=10) | |
| | Aquatic Chronic 1, H410 (M=1) | |
| | Eye Dam. 1, H318 | |

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.



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The substances named in this section are given with their actual, appropriate classification! For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Rinse the mouth thoroughly with water.

Give copious water to drink - consult doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. Sensitive individuals:

Allergic reaction possible.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

4.3 Indication of any immediate medical attention and special treatment needed

n.c.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Adapt to the nature and extent of fire. Water jet spray/foam/CO2/dry extinguisher

Unsuitable extinguishing media

None known

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Toxic pyrolysis products. **5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary.

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient supply of air. Avoid contact with eyes or skin. If applicable, caution - risk of slipping. 6.2 Environmental precautions



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If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Protect from frost.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles (EN 166) with side protection, with danger of splashes.

Skin protection - Hand protection: Chemical resistant protective gloves (EN 374). If applicable



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Safety gloves made of butyl (EN 374) Protective nitrile gloves (EN 374). Minimum layer thickness in mm: >= 0.35Permeation time (penetration time) in minutes: >= 480The breaktbrough times determined in accorda

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time. Protective PVC gloves (EN 374)

Protective hand cream recommended.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection: Normally not necessary.

Thermal hazards:

If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| •••••••••••••••••••••••••••••••••••••• | |
|--|---------------------|
| Physical state: | Liquid |
| Colour: | Orange, Transparent |
| Odour: | Odourless |
| Odour threshold: | Not determined |
| pH-value: | 7,3 (20°C) |
| Melting point/freezing point: | ~0 °C |
| Initial boiling point and boiling range: | ~100 °C |
| Flash point: | n.a. |
| Evaporation rate: | Not determined |
| Flammability (solid, gas): | No |
| Lower explosive limit: | Not determined |
| Upper explosive limit: | Not determined |
| Vapour pressure: | Water |
| Vapour density (air = 1): | Not determined |
| Density: | 1,013 g/cm3 |
| Bulk density: | Not determined |
| Solubility(ies): | Not determined |
| Water solubility: | Mixable |
| Partition coefficient (n-octanol/water): | Not determined |
| Auto-ignition temperature: | Not determined |
| Decomposition temperature: | Not determined |
| Viscosity: | Not determined |
| Explosive properties: | Not determined |
| Oxidising properties: | Not determined |
| 9.2 Other information | |
| | |



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Miscibility: Fat solubility / solvent: Conductivity: Surface tension: Solvents content: Not determined Not determined Not determined Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

See also Subsection 10.2 to 10.6. The product has not been tested.

10.2 Chemical stability

See also Subsection 10.1 to 10.6. Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

See also Subsection 10.1 to 10.6. No decomposition if used as intended.

10.4 Conditions to avoid

See also section 7.

10.5 Incompatible materials

See also section 7. No dangerous reactions are known.

10.6 Hazardous decomposition products

See also Subsection 10.1 to 10.5. See also section 5.2

No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|----------------------------------|----------|-------|------|----------|-------------|--------|
| Acute toxicity, by oral route: | - | | | | | n.d.a. |
| Acute toxicity, by dermal | | | | | | n.d.a. |
| route: | | | | | | |
| Acute toxicity, by inhalation: | | | | | | n.d.a. |
| Skin corrosion/irritation: | | | | | | n.d.a. |
| Serious eye | | | | | | n.d.a. |
| damage/irritation: | | | | | | |
| Respiratory or skin | | | | | | n.d.a. |
| sensitisation: | | | | | | |
| Germ cell mutagenicity: | | | | | | n.d.a. |
| Carcinogenicity: | | | | | | n.d.a. |
| Reproductive toxicity: | | | | | | n.d.a. |
| Specific target organ toxicity - | | | | | | n.d.a. |
| single exposure (STOT-SE): | | | | | | |
| Specific target organ toxicity - | | | | | | n.d.a. |
| repeated exposure (STOT- | | | | | | |
| RE): | | | | | | |
| Aspiration hazard: | | | | | | n.d.a. |
| Symptoms: | | | | | | n.d.a. |

| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | | | | | | | |
|---|----------|-------|-------|----------|-------------|-------|--|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes | |
| Acute toxicity, by oral route: | LD50 | 53 | mg/kg | Rat | | | |
| | | | | | | | |



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| Acute toxicity, by dermal | LD50 | 660 | mg/kg | Rabbit | | |
|----------------------------|------|-----|-------|------------|----------------|---------------|
| route: | | | | | | |
| Skin corrosion/irritation: | | | | Rabbit | | Corrosive |
| Serious eye | | | | Rabbit | | Corrosive |
| damage/irritation: | | | | | | |
| Respiratory or skin | | | | Guinea pig | OECD 406 (Skin | Yes (skin |
| sensitisation: | | | | | Sensitisation) | contact) |
| Aspiration hazard: | | | | | | No |
| Symptoms: | | | | | | diarrhoea, |
| | | | | | | mucous |
| | | | | | | membrane |
| | | | | | | irritation, |
| | | | | | | watering eyes |

SECTION 12: Ecological information

| Possibly more information on environmental effects, see Section 2.1 (classification). | | | | | | | |
|---|----------|------|-------|------|----------|-------------|--------|
| Leak detector - foam b | ased | | | | | | |
| 8887300018 | | | | | | | |
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | | | | | | | n.d.a. |
| 12.1. Toxicity to | | | | | | | n.d.a. |
| daphnia: | | | | | | | |
| 12.1. Toxicity to algae: | | | | | | | n.d.a. |
| 12.2. Persistence and | | | | | | | n.d.a. |
| degradability: | | | | | | | |
| 12.3. Bioaccumulative | | | | | | | n.d.a. |
| potential: | | | | | | | |
| 12.4. Mobility in soil: | | | | | | | n.d.a. |
| 12.5. Results of PBT | | | | | | | n.d.a. |
| and vPvB assessment | | | | | | | |
| 12.6. Other adverse | | | | | | | n.d.a. |
| effects: | | | | | | | |

| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|---|-----------|------|---------------|------|-------------------------------------|--|---|
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |
| 12.1. Toxicity to fish: | LC50 | 96h | 0,28 | mg/l | Lepomis macrochirus | | |
| 12.1. Toxicity to fish: | LC50 | 96h | 0,19- 0,22 | mg/l | Oncorhynchus mykiss | OECD 203 (Fish, Acute Toxicity Test) | |
| 12.1. Toxicity to fish: | NOEC/NOEL | 28d | 0,098 | mg/l | Oncorhynchus mykiss | OECD 210 (Fish, Early-Life Stage Toxicity Test) | |
| 12.1. Toxicity to daphnia: | NOEC/NOEL | 21d | 0,004 | mg/l | Daphnia magna | OECD 211 (Daphnia magna Reproduction Test) | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | 0,16 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to algae: | EC50 | 72h | 0,048 | mg/l | Pseudokirchnerie Ila subcapitata | OECD 201 (Alga, Growth Inhibition Test) | |



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| 12.1. Toxicity to algae: | NOEC/NOEL | 72h | 0,0012 | mg/l | Pseudokirchnerie Ila subcapitata | OECD 201 (Alga, Growth Inhibition Test) | |
|--------------------------------------|-----------|-----|-----------------|------|-------------------------------------|---|---|
| 12.2. Persistence and degradability: | | | >60 | % | activated sludge | OECD 301 D (Ready Biodegradability - Closed Bottle Test) | Does not conform with EU classification. |
| 12.3. Bioaccumulative potential: | BCF | | 3,6 | | | | calculated value |
| 12.3. Bioaccumulative potential: | Log Pow | | 0,401- 0,486 | | | | Does not conform with EU classification. |
| Toxicity to bacteria: | EC50 | 3h | 7,92 | mg/l | activated sludge | OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)) | |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be

allocated under certain circumstances. (2014/955/EU)

07 07 01 aqueous washing liquids and mother liquors

16 05 08 discarded organic chemicals consisting of or containing hazardous substances

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

SECTION 14: Transport information

| General statements | |
|-------------------------------------|----------------|
| 14.1. UN number: | n.a. |
| Transport by road/by rail (ADR/RID) | |
| 14.2. UN proper shipping name: | |
| 14.3. Transport hazard class(es): | n.a. |
| 14.4. Packing group: | n.a. |
| Classification code: | n.a. |
| LQ: | n.a. |
| 14.5. Environmental hazards: | Not applicable |
| Tunnel restriction code: | |
| Transport by sea (IMDG-code) | |



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SECTION 16: Other information

Revised sections:

2, 3, 8, 11, 12, 15, 16

These details refer to the product as it is delivered. Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

| Classification in accordance with regulation (EC) No. 1272/2008 (CLP) | Evaluation method used |
|--|--|
| Skin Sens. 1, H317 | Classification according to calculation procedure. |



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The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3). H301 Toxic if swallowed.

H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

H331 Toxic if inhaled. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Skin Sens. — Skin sensitization Acute Tox. — Acute toxicity - inhalation Acute Tox. — Acute toxicity - dermal Acute Tox. — Acute toxicity - oral Skin Corr. — Skin corrosion Aquatic Acute — Hazardous to the aquatic environment - acute Aquatic Chronic — Hazardous to the aquatic environment - chronic Eye Dam. — Serious eye damage

Any abbreviations and acronyms used in this document:

AC Article Categories according, according to acc., acc. to ACGIHAmerican Conference of Governmental Industrial Hygienists ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road) AOEL Acceptable Operator Exposure Level AOX Adsorbable organic halogen compounds approx. approximately Art., Art. no. Article number ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP) BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany) BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF **Bioconcentration factor** BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation) BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol) BMGV Biological monitoring guidance value (EH40, UK) BOD Biochemical oxygen demand BSEF Bromine Science and Environmental Forum body weight bw CAS Chemical Abstracts Service CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques CIPAC Collaborative International Pesticides Analytical Council CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic COD Chemical oxygen demand CTFA Cosmetic, Toiletry, and Fragrance Association DMEL Derived Minimum Effect Level DNEL Derived No Effect Level DOC Dissolved organic carbon DT50 Dwell Time - 50% reduction of start concentration DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes) dw dry weight for example (abbreviation of Latin 'exempli gratia'), for instance e.g. European Community EC ECHA European Chemicals Agency



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The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

These statements were made by:

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