

SAFETY DATA SHEET

Durable 570700

Screenclean Fluid 125 ml

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 23.03.2015
Revision date 28.02.2018

1.1. Product identifier

Product name 570700 Screenclean Fluid 125 ml
Specification No. L03099000009
Article no. KLM002

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

Product group Screen Cleaner
Relevant identified uses SU21 Consumer uses: Private households (= general public = consumers)SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)PC35 Washing and cleaning products (including solvent based products)PROC10 Roller application or brushingERC11B Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name DURABLE Hunke & Jochheim GmbH & Co. KG
Postal address Westfalenstrasse 77-79
Postcode D-58636
City Iserlohn
Country Germany
Telephone number +49 (0) 2371 / 662 - 0
Fax +49 (0) 2371 / 662 - 221
Email durable@ durable.de

Website <http://www.durable.de>

Enterprise No.

1.4. Emergency telephone number

Emergency telephone +49 (0) 2371 / 662 - 0 (only to the office hours)

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Substance / mixture hazardous properties The product is not classified.
Not regarded as a health or environmental hazard under current legislation.

2.2. Label elements

Hazard statements EUH 208 Contains 1,2-Benzothiazolin-3-on May produce an allergic reaction.
EUH 210 Safety data sheet available on request.

2.3. Other hazards

Health effect The product contains organic solvents.

Environmental effects Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

| Substance | Identification | Classification | Contents |
|----------------------------------|--|---|----------|
| Dipropyleneglycolmonomethylether | CAS No.: 34590-94-8 EC No.: 252-104-2 | Note : Sk | 5 – 15 % |
| 1,2-Benzisothiazol-3(2H) -one | CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6 | Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Additional information on classification: SCL: H317: C ≥ 0,05% | < 0,05 % |
| Substance comments | <1% 1,2-Benzothiazolin-3-on | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General Remove affected person from source of contamination.

Inhalation Fresh air. Get medical attention if any discomfort continues.

Skin contact Rinse with water. Get medical attention if any discomfort continues.

Eye contact Rinse with water. Contact physician if discomfort continues.

Ingestion Rinse mouth with water. Get medical attention if any discomfort continues.

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

Acute symptoms and effects No specific symptoms noted.

Delayed symptoms and effects No known long term effects.

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

Other information If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards Follow the general fire precautions indicated by the workplace.

5.3. Advice for firefighters

Personal protective equipment Wear necessary protective equipment. For personal protection, see section 8.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures Avoid contact with eyes and prolonged skin contact.

6.2. Environmental precautions

Environmental precautionary measures Avoid discharge into water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Cleaning method Recover the product and place in a suitable container for reuse. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Other instructions See section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling No specific usage precautions noted.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store in closed original container in a dry place.

Conditions for safe storage

Storage temperature Value: 0 – 35 °C

Storage stabilit Durability: 24 months.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

| Substance | Identification | Value | TWA Year |
|----------------------------------|---------------------|---|----------------|
| Dipropyleneglycolmonomethylether | CAS No.: 34590-94-8 | TWA (8h) : 308 mg/m ³ TWA (8h) : 50 ppm | TWA Year: 2005 |

DNEL / PNEC

Summary of risk management measures, human Data lacking.

Summary of risk management measures, environment Data lacking.

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure No special precautions.

Eye / face protection

Suitable eye protection Eye protection is not required under normal conditions.

Hand protection

Skin- / hand protection, long term contact Hand protection is not required for normal use.

Skin protection

Additional skin protection measures No special precautions.

Respiratory protection

Respiratory protection necessary at Under normal conditions of use respiration protection should not be required.

Thermal hazards

Thermal hazards No recommendation given.

Other information

| | |
|-------------------|--------------------------|
| Other information | No recommendation given. |
|-------------------|--------------------------|

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|---|---|
| Physical state | Colourless liquid. |
| Colour | Colourless. |
| Odour | Almost odourless. |
| pH | Status: In delivery state Value: ~ 8,0 |
| Boiling point / boiling range | Comments: Not determined. |
| Flash point | Value: > 100 °C |
| Evaporation rate | Comments: Not determined. |
| Explosion limit | Comments: Not determined. |
| Vapour pressure | Comments: Not determined. |
| Specific gravity | Value: ~ 1,0 g/ml |
| Solubility description | Completely soluble in water. |
| Partition coefficient: n-oc- tanol/water | Comments: Not relevant. |
| Spontaneous combustability | Comments: Not determined. |
| Decomposition temperature | Comments: Not relevant. |
| Viscosity | Comments: Not relevant. |
| Explosive properties | Not explosive. |
| Oxidising properties | Does not meet the criteria for oxidising. |

9.2. Other information**Other physical and chemical properties**

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|----------|-------------------|
| Comments | No data recorded. |
|----------|-------------------|

SECTION 10: Stability and reactivity**10.1. Reactivity**

| | |
|------------|---|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---|

10.2. Chemical stability

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|-----------|---|
| Stability | Stable under normal temperature conditions and recommended use. |
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10.3. Possibility of hazardous reactions

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|------------------------------------|------------------------------------|
| Possibility of hazardous reactions | See section 10.4 and section 10.5. |
|------------------------------------|------------------------------------|

10.4. Conditions to avoid

| | |
|---------------------|--------------------------|
| Conditions to avoid | No recommendation given. |
|---------------------|--------------------------|

10.5. Incompatible materials

| | |
|--------------------|---------------------|
| Materials to avoid | None in particular. |
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10.6. Hazardous decomposition products

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| Hazardous decomposition products | During fire, toxic gases (CO, CO ₂) are formed. |
|----------------------------------|---|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------|----------------------------------|
| Substance | Dipropyleneglycolmonomethylether |
|-----------|----------------------------------|

| | |
|----------------|---|
| Acute toxicity | Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: |
|----------------|---|

| | |
|-----------|------------------------------|
| Substance | 1,2-Benzisothiazol-3(2H)-one |
|-----------|------------------------------|

| | |
|----------------|---|
| Acute toxicity | Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 1150 mg/kg Animal test species: Mouse |
|----------------|---|

| |
|--|
| Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 597 mg/kg Animal test species: Rat |
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|--|
| Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg |
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|--------------------------|--|
| Other toxicological data | Toxicological tests on the product has not been performed. |
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Other information regarding health hazards

| | |
|--|---------------------------------|
| Assessment of acute toxicity, classification | No evidence for acute toxicity. |
|--|---------------------------------|

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|------------|-----------------------------|
| Inhalation | No specific symptoms noted. |
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| Skin contact | Skin irritation is not anticipated when used normally. |
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| | |
|-------------|-------------------------------------|
| Eye contact | May cause temporary eye irritation. |
|-------------|-------------------------------------|

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|---|---|
| Ingestion | Not likely, due to the packaging. |
| Sensitisation | May cause an allergic skin reaction. |
| Mutagenicity | No evidence for germ cell mutagenicity. |
| Carcinogenicity, other information | No evidence for carcinogenicity. |
| Reproductive toxicity | No evidence for reproductive toxicity. |
| Assessment of specific target organ SE, classification | No evidence for STOT-single exposure. |
| Assessment of specific target organ toxicity RE, classification | No evidence for STOT-repeated exposure. |
| Assessment of aspiration hazard, classification | No evidence for aspiration hazard. |

Symptoms of exposure

| | |
|--------------------------|-----------------------------|
| Symptoms of overexposure | No specific symptoms noted. |
|--------------------------|-----------------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-----------|------------------------------|
| Substance | 1,2-Benzisothiazol-3(2H)-one |
|-----------|------------------------------|

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|---------------------|---|
| Acute aquatic, fish | Value: 0,74 mg/l Test duration: 96h Method: LC50 |
|---------------------|---|

| | |
|-----------|------------------------------|
| Substance | 1,2-Benzisothiazol-3(2H)-one |
|-----------|------------------------------|

| | |
|------------------------|--|
| Acute aquatic, Daphnia | Value: 2,44 mg/l Test duration: 48h Species: Daphnia magna Method: EC50 |
|------------------------|--|

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|-------------------|------------------------------------|
| Aquatic, comments | No data available for the product. |
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12.2. Persistence and degradability

| | |
|---|--------------------------------------|
| Persistence and degradability, comments | The product is easily biodegradable. |
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12.3. Bioaccumulative potential

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|---------------------------|-------------------------------------|
| Bioaccumulative potential | The product is not bioaccumulating. |
|---------------------------|-------------------------------------|

12.4. Mobility in soil

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|----------|---|
| Mobility | The product is water soluble and may spread in water systems. |
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12.5. Results of PBT and vPvB assessment

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|------------------------|--|
| PBT assessment results | Not Classified as PBT/vPvB by current EU criteria. |
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12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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|---|--|
| Specify the appropriate methods of disposal | Dispose of waste and residues in accordance with local authority requirements. |
| EWC waste code | EWC waste code: 0706 Classified as hazardous waste: No |
| EWL packing | EWC waste code: 0706 Classified as hazardous waste: No |
| Other information | Waste code applies to product remnants in pure form. When handling waste, consideration should be made to the safety precautions applying to handling of the product. |

SECTION 14: Transport information

14.1. UN number

| | |
|----------|---|
| Comments | The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
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14.2. UN proper shipping name

| | |
|----------|---------------|
| Comments | Not relevant. |
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14.3. Transport hazard class(es)

| | |
|----------|---------------|
| Comments | Not relevant. |
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14.4. Packing group

| | |
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| Comments | Not relevant. |
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14.5. Environmental hazards

| | |
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| Comments | Not relevant. |
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14.6. Special precautions for user

| | |
|-------------------------------------|-------------------|
| Special safety precautions for user | No data recorded. |
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

ADN - Other information

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|--------------------|---------------|
| Special provisions | Not relevant. |
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SECTION 15: Regulatory information

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

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|-----------------------------|---|
| Legislation and regulations | <p>The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242). EH40/2005, Workplace exposure limits 2005, with amendments.</p> <p>The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).</p> <p>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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p> <p>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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.</p> <p>REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents.</p> |
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15.2. Chemical safety assessment

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|--------------------------------------|----|
| Chemical safety assessment performed | No |
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SECTION 16: Other information

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| List of relevant H-phrases (Section 2 and 3) | <p>H302 Harmful if swallowed.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes Serious eye damage.</p> <p>H400 Very toxic to aquatic life.</p> |
| Training advice | No particular training or education is required but the user must be familiar with this SDS. |
| Information added, deleted or revised | Change to Sections: 1, 2, 3, 4, 8, 11, 12, 13, 15, 16 |
| Version | 3 |
| Prepared by | MP |